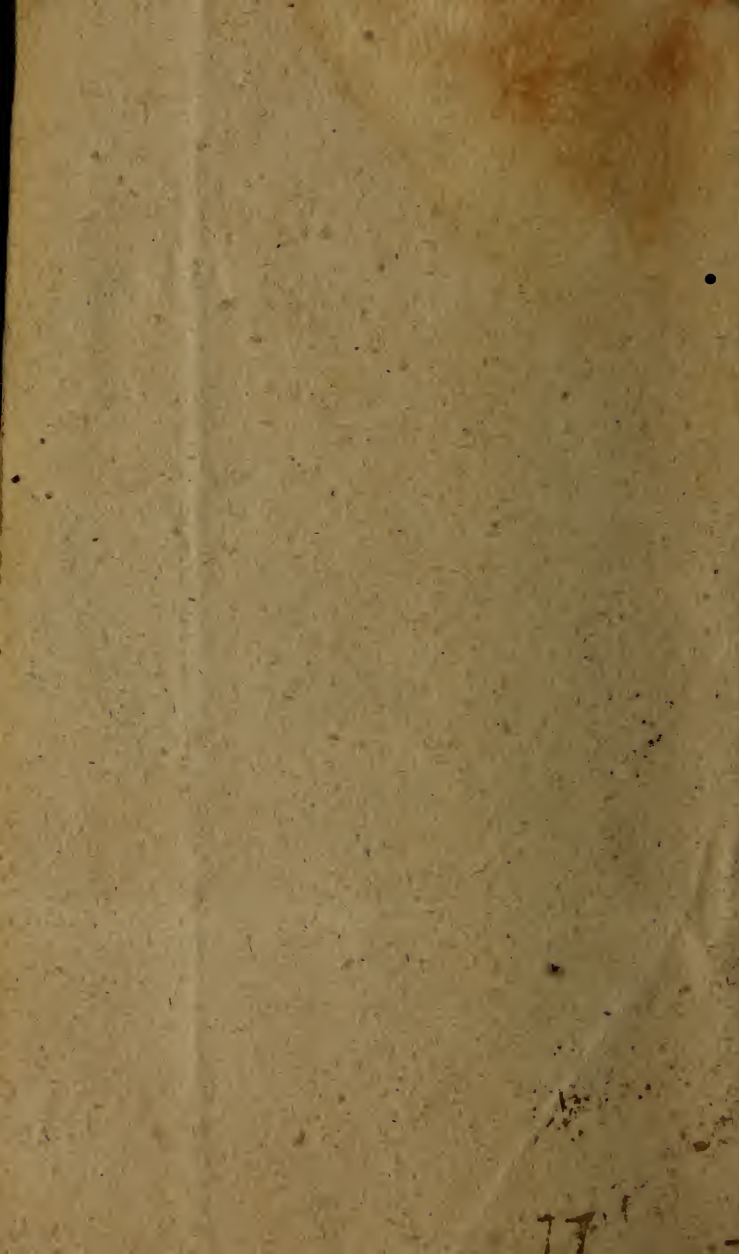


1805



Speculum Anni :
OR,
SEASON on the SEASONS.

For the Year of our LORD 1805 ;

BEING
THE FIRST AFTER LEAP YEAR,
Wherein you will find all Things necessary for
such a Work ; Sun and Moon's Rising and Setting ;
Moon's Southing, Planets Places and Aspects, Eclipses,
Judgments on the Weather, and Four Quarters ; Remarks
about the Sun, Monthly Poetry, and other Novelties.

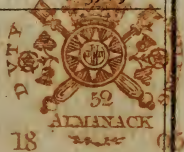
By HENRY SEASON,
LICENSED PHYSICIAN,
And Student in the CELESTIAL SCIENCES, near DEVIZES.
With a particular Judgment of the ECLIPSES, &c.

*Omnis donatio bona, & omne integrum bonum
Est superne descendens à patre Luminum.—JAC. I. 17.*

GOD hath granted me to speak according to my Mind, and to judge
worthily of the Things that are given me ; for he is the Leader unto
Wisdom, and the Director of the Wife : How the Times alter, the
Change of the Seasons, the Course of the Year, and the Situation of
the Stars.

WISD. chap. vii. ver. 15, 19.

The sacred Fiat was no sooner nam'd,
But Heav'n with all its Hosts were fram'd :
Phœbus display'd his fiery Car,
And Wisdom marshall'd ev'ry Star ;
Sev'n Worlds around the Sun did glide,
He gave their Light, and Motions guide ;
By secret, fix'd, attractive Laws,
They all confess th' Almighty Cause.



The AUTHOR'S Seventy-second Impression.

L O N D O N :

Printed for the COMPANY of STATIONERS,
by G. WOODFALL, No. 22, Paternoster-Row,
And sold by GEORGE GREENHILL, at their Hall, in Ludgate-Street.

Price ONE SHILLING and TENPENCE.

M	h	4
D	u	m
1	16	28
6	16	29
11	16	29
16	16	4
21	16	2
26	16	3

New Moon the 1st day, at 1 in the morning.
 First Quarter the 8th day, at 5 in the afternoon.
 Full Moon the 15th day, at 8 in the morning.
 Last Quarter the 22d day, at 3 in the afternoon.
 New Moon the 30th day, at 7 in the afternoon.

M	W	Remarkable	☉	☽ Lon.	☽ riles	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	h	gitude	& sets	Ω	↑	h	and Weather
1	T	Circumcision	11	15 ^h 51	sets	18	5	29	Cloudy, with
2	W		12	27 59	5 a 31	18	7	29	frost and
3	T		13	10 ^h 17	6 43	18	8	2	snow begin
4	F		14	22 45	7 57	17	9	3	the year.
5	S		15	5 ^h 26	9 11	17	10	4	
6	F	Epiph. 12 thd.	16	18 22	10 27	17	11	5	☐ ☉ h
7	M	Pl. Mon. [O. Ch. d.	17	1 ^h 35	11 45	17	13	6	
8	T	Lucian	18	15 7	morn	17	14	6	
9	W		19	29 0	1 6	16	15	7	* h ♀ Δ ♂ ♀
10	T		20	13 8 12	2 30	16	16	7	* h ♂
11	F		21	27 42	3 54	16	18	8	Some cold
12	S	[Hil. Ca. T. b.	22	12 11 27	5 14	15	19	8	R rains now
13	F	S. af. Epip.	23	27 20	6 21	15	20	8	about, if not
14	M	Oxf. T. beg.	24	12 ^h 14	7 16	15	21	7	snow also.
15	T	☾ eclips. visible.	25	27 1	rises	15	23	7	
16	W		26	11 Ω 34	6 a 2	14	24	6	
17	T		27	25 46	7 24	14	25	5	Somewhat
18	F	O. Ch. b. d. k.	28	9 ^h 35	8 43	13	26	4	frosty now
19	S	[Prif. O. 12th D.	29	22 58	10 0	13	27	3	about.
20	F	2. S. af. Epip.	29	5 ^h 57	11 15	13	29	2	* ☉ ☿
21	M	Agnes [Fab.	1	18 33	morn	12	h	0	* ☉ ♀
22	T	Vincent	2	0 m 51	0 31	12	1	h	
23	W	Hil. T. beg.	3	12 55	1 40	12	2	28	
24	T		4	24 50	2 49	11	4	27	The weather
25	F	Conv. St. Paul	5	6 ^h 39	3 57	11	5	26	is now more
26	S		6	18 29	4 56	10	6	25	open and
27	F	3 S. af. Epip.	7	0 ^h 22	5 48	10	7	24	and tempe-
28	M	[D. of Suf. b.	8	12 23	6 24	10	9	23	rate. 8 ☉ ♂
29	T		9	24 33	6 54	9	10	23	
30	W	K. Ch. 1 Mart.	10	6 ^h 55	sets	9	11	22	
31	T		11	19 30	5 a 37	8	12	22	

A happy new year are words now much in vogue,
 'Mongit rich, and poor, the honest, and the rogue;
 True happiness a blessing known to few,
 And fewer still that do its paths pursue;
 That other Siren,* vulgarly so sought, * *False happiness.*
 Is some fine gewgaw which they have not got.

M D	O h	Rises m	S h	Sets m	OBSERVATIONS.
1	8	4	3	56	
2	8	4	3	56	AN Account of the Surprising METEOR seen
3	8	3	3	57	in the Air, <i>Novem^{ber}</i> 13th, 1803; and
4	8	3	3	58	other <i>Meteors</i> that have preceded it, &c.
5	8	2	3	58	
F	8	1	3	59	
7	8	0	4	0	
8	7	59	4	1	<i>Friendly Readers,</i>
9	7	58	4	2	On <i>Sunday</i> the 13th of <i>November</i> , 1803, at
10	7	57	4	3	about half an hour past 8 o'clock at night, a
11	7	56	4	4	very vivid and splendid <i>meteor</i> descended from
12	7	55	4	5	east to west, and emitted a fine silver light,
F	7	54	4	6	that illuminated the whole atmosphere.
14	7	52	4	8	These fiery-meteors are a kind of luminous
15	7	51	4	9	bodies that usually appear at a great height
16	7	50	4	10	above the earth, with a splendour surpassing
17	7	49	4	11	that of the moon, and sometimes apparently
18	7	47	4	13	as large. They have not been found to ob-
19	7	46	4	14	serve any regular course or motion, but, on
F	7	45	4	15	the contrary, moving in all directions; fre-
21	7	43	4	17	quently breaking into several smaller ones;
22	7	42	4	18	sometimes making a strong hissing sound,
23	7	41	4	20	sometimes bursting or vanishing with a loud
24	7	39	4	21	report, and sometimes not. The most re-
25	7	37	4	23	markable of those on record in this age, ap-
26	7	36	4	24	peared on the 18th of <i>August</i> , 1783, about
F	7	34	4	26	9 o'clock in the evening. During its course
28	7	33	4	27	it appeared several times to change its shape;
29	7	31	4	29	sometimes appearing in the form of one ball,
30	7	29	4	31	sometimes
31	7	28	4	32	

First Quarter the 7th day, at 2 in the morning.

Full Moon the 13th day, at 9 in the afternoon.

Last Quarter the 21st day, at 11 in the morning.

1	16	3
6	16	3
11	16	4
16	16	5
21	16	5
26	15	5

M	W	Remarkable	☉	Longitude	Rises & sets	♂	♀	☿	Mut. Aspects and Weather.
D	D	Days, &c.	☿			Ω	♂	♀	
1	F		12	2 19	6 a 52	8	14	10	Rain or Snow
2	S	Pur. Candel.	13	15 22	8 9	8	15	22	
3	F	4S. af. Epiph.	14	28 38	9 27	7	16	22	☐ ♀
4	M	[Blase	15	12 7	10 46	7	17	22	Δ ☉ ♀
5	T	Agatha	16	25 48	morn	6	19	23	begins this
6	W		17	9 41	0 8	6	20	23	month.
7	T		18	23 44	1 32	6	21	23	
8	F		19	7 57	2 51	5	22	24	Frosty with
9	S		20	22 17	4 2	5	23	25	
10	F	Septuages. S.	21	6 42	4 58	5	25	26	Δ ♀ ♂
11	M		22	21 7	5 43	4	26	26	♂ ♀ ♂
12	T	Hil. Te. ends.	23	5 29	6 15	4	27	27	some cold
13	W		24	19 42	rises	4	28	28	winds.
14	T	Valent. Old	25	3 41	6 a 13	3	29	29	
15	F	[Candl.	26	17 23	7 31	3	1	29	Dark wea-
16	S		27	0 45	8 48	3	2	1	ther, with
17	F	Sexages. Sun.	28	13 45	10 4	2	3	2	♂ ♂ ♀
18	M		29	26 24	11 19	2	5	3	♂ ♂ ♀
19	T		30	8 45	morn	2	6	5	* ♀
20	W		1	20 51	0 30	2	7	6	* ♀
21	T		2	2 47	1 39	2	8	7	rain or snow.
22	F		3	14 37	2 43	1	10	8	
23	S	Cam. T. d. n.	4	26 26	3 36	1	11	10	☐ ☉ ♀
24	F	Shr. Sun. St.	5	8 21	4 20	1	12	11	
25	M	[Mat. D. Ca. b.	6	20 25	4 54	1	13	12	Frosty and
26	T	Shrove Tues.	7	2 42	5 21	1	15	14	Δ ♀
27	W	Ash Wednes.	8	15 16	5 42	0	16	15	Δ ♀
28	T		9	28 8	6 0	0	17	16	more fair.

Readers, remember, take a special care!
 Mind the non-naturals, and live regular;
 If health's quintessence you would truly feel,
 Guide appetite, rule your unruly will:
 Which if you fail, or what I write reject,
 To the physician soon you'll pay respect.

M	☉ rises		☉ sets		OBSERVATIONS.
	D	h m	D	h m	
	1	7 26	4 34		
	2	7 24	4 36		sometimes of two or more, sometimes with
F	7	7 23	4 37		a train, and sometimes without one. My
	4	7 21	4 39		opinion therefore concerning such meteors
	5	7 19	4 41		is plainly this, that they properly deserve
	6	7 17	4 43		that name of meteors, as belonging directly
	7	7 15	4 45		to our atmosphere; and that they are no
	8	7 14	4 46		other than prodigious storms or blasts of
	9	7 12	4 48		thunder and lightening, as is proper and
F	7	7 10	4 50		peculiar to those more elevated regions of
	11	7 8	4 52		our air in which they appear in. In order
	12	7 6	4 54		to the true understanding of my meaning,
	13	7 4	4 56		the reader must observe that the air at 39
	14	7 3	4 57		miles high, is, by <i>Dr. Halley's</i> calculation,
	15	7 1	4 59		agreed to now by all, about 2000 times
	16	6 59	5 1		rarer and weaker than it is here with us;
F	6	6 57	5 3		that a storm or blast of this kind, even here
	18	6 55	5 5		below, seems to be a collection of nitro-
	19	6 53	5 7		fulphureous and fiery vapors, into a sort of
	20	6 51	5 9		rolling globe, or whirl-wind of fire; that
	21	6 49	5 11		this is that fulmen or pernicious lightening,
	22	6 47	5 13		which is so terrible in its effects; that it is
	23	6 45	5 15		still accompanied with that fulgor or flash,
F	6	6 43	5 17		we call common lightening, and with that
	25	6 41	5 19		tonitru, that great rolling or rattling noise
	26	6 40	5 21		which we call thunder; and that such col-
	27	6 38	5 22		lections
	28	6 36	5 24		

M	h	u
D	u	z
1	15	6
6	15	6
11	15	6
16	14	6
21	14	R
26	13	6

New Moon the 1st day, at 10 in the morning.

First Quarter the 8th day, at 10 in the morning.

Full Moon the 15th day, at 10 in the morning.

Last Quarter the 23d day, at 8 in the morning.

New Moon the 30th day, at 11 at night.

M	W	Remarkable	☉	☽ Lon-	☽ rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	☿	gitude	& sets	♂	♀	☿	and Weather
1	F	David	11	11 X 18	sets	0	18	18	Fine weather
2	S	Chad.	12	24 46	7 a 12	0	19	19	begins the
3	F	1 S. in Lent	13	8 V 29	8 32	☿	21	21	month of
4	M		14	22 24	9 57	30	22	22	March.
5	T		15	6 8 26	11 21	30	23	24	
6	W	Ember Week	16	20 34	morn	30	24	25	
7	T	Perpetua	17	4 II 42	0 42	30	26	27	
8	F		18	18 50	1 56	30	27	28	Cold and
9	S	2 S. in Lent	19	2 ☿ 57	2 57	30	28	X	stormy, with
10	M		20	17 0	3 45	D	29	2	brisk winds.
11	T		21	0 Ω 59	4 18	30	X	3	
12	W	Gregory	22	14 53	4 45	30	2	5	☐ 4 ☿
13	T		23	28 38	5 5	30	3	7	
14	F		24	12 II 14	5 23	30	4	8	Sleet or
15	S		25	25 37	rises	30	6	10	☐ 4 ♀
16	F	3 S. in Lent	26	8 = 45	7 a 47	30	7	12	showers of
17	M		26	21 37	9 2	30	8	13	rain.
18	T	Edw. K. W. S.	27	4 m 12	10 15	Ω	9	15	
19	W		28	16 31	11 27	0	11	17	
20	T		29	28 37	morn	0	12	19	Δ ☉ ♂
21	F	Benedict	V	10 † 32	0 35	0	13	21	More open
22	S		1	22 22	1 34	0	14	22	and tempe-
23	F	Midlent Sun.	2	4 ♄ 11	2 21	1	15	24	rate weather.
24	M	Lady Day	3	16 5	2 59	1	17	26	
25	T		4	28 10	3 27	1	18	28	Δ ♂ ☿
26	W		5	10 ☿ 29	3 51	1	19	V	Δ ☉ 4
27	T		6	23 9	4 10	1	20	2	
28	F		7	6 X 11	4 27	1	22	4	Cold winds,
29	S		8	19 37	4 44	2	23	6	Δ 4 ☿
30	F	5 S. in Lent	9	3 V 26	sets	2	24	8	rain or sleet.
31			10	17 34	7 a 41	2	25	10	☉ ☉ ☿

The first great point I'd have thee to avoid,
 Is moist, thick air, by fogs, or fenns annoy'd :
 Chuse what's balsamic, temperate, serene,
 Dry, light and cool; yet shun what is too keen.
 In hecticks, or consumptions, be sure,
 A change of air is one-third of the cure.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
1	6	34	5	26	
2	6	32	5	28	
F 6	6	30	5	30	lections of nitro-sulphureous or fiery vapors
4	6	28	5	32	may be vastly larger before they are limited
5	6	26	5	34	or determined by the external air, which
6	6	24	5	36	by rarefaction is excluded from within,
7	6	22	5	38	where it is so vastly rare, than the like col-
8	6	20	5	40	lections are with us: that the prodigious ve-
9	6	18	5	42	locity of such balls may be also better sup-
F 6	6	16	5	44	posed in such a rare and thin medium, than
11	6	14	5	46	in ours, so much denser and thicker; and
12	6	12	5	48	that so much the greater quantity of nitro-
13	6	10	5	50	sulphureous vapors will be spent and ex-
14	6	8	5	52	hausted by one such ball or blast, than by
15	6	6	5	54	one of ours here below, as it is in magni-
16	6	4	5	56	tude greater; which will also render such
F 6	6	2	5	58	phenomena in the same proportion rarer and
18	6	0	6	0	seldomer in any certain region there than
19	5	58	6	2	here. These things being supposed, which
20	5	56	6	4	appear to me very reasonable, it will be a
21	5	54	6	6	natural account of these appearances, if we
22	5	52	6	8	esteem them direct blasts of this kind. For
23	5	50	6	10	certainly these fire-balls, as we have shewed,
F 5	5	48	6	12	are still within the limits of our air, the
25	5	46	6	14	place of such meteors: they have all the
26	5	44	6	16	three characters of such, and only of such
27	5	42	6	18	blasts; the fulmer, the ball or whirl-wind
28	5	40	6	20	of pernicious lightening; the fulgor, the
29	5	38	6	22	flash or common lightening; and the toni-
30	5	36	6	24	tru, the noise or thunder. They go with
F 5	5	34	6	26	a swiftness

First Quarter the 6th day, at 5 in the afternoon.

Full Moon the 13th day, at 12 at night.

Last Quarter the 22d day, at 3 in the morning.

New Moon the 29th day, at 9 in the morning.

1	13	6
6	13	6
11	12	6
16	12	5
21	11	5
26	11	5

M	W	Remarkable	☉	Longitude	D rises & sets	♂	♀	☿	Mut. Aspects and Weather
D	D	Days, &c.	☿			♂	♀	☿	
1	M		11	18 56	9 a 8	2	27	12	♂ h ♀
2	T		12	16 26	10 33	3	28	14	♂ ☉ h
3	W	Richard	13	0 11 57	11 52	3	29	16	Cold stormy
4	T	Ambrose	14	15 23	morn	3	☿	18	weather, with
5	F	Cambr. T. ends	15	29 41	0 58	3	2	20	
6	S	Oxf. T. ends	16	O. L. d.	1 51	4	3	23	△ ♂ ♀
7	F	Palm Sunday	17	27 43	2 31	4	4	25	rain or fleet.
8	M		18	11 27	2 57	4	5	27	△ h ♀
9	T		19	25 0	3 20	4	7	29	
10	W		20	8 22	3 38	5	8	8	
11	T	Maun. Thurs.	21	21 34	3 54	5	9	3	□ ♂ ♀
12	F	Good Friday	22	4 35	4 9	5	10	5	
13	S		23	17 24	rises	6	11	7	Cold winds
14	F	Easter day	24	30 0	8 a 6	6	13	9	♂ h ♀; △ 24 ♂
15	M	Easter Mond.	25	12 24	9 19	6	14	10	still blow,
16	T	Easter Tuesd.	26	24 35	10 28	7	15	12	and some
17	W		27	6 37	11 29	7	16	14	showers of
18	T		28	18 30	morn	7	18	16	rain.
19	F	Alphege	29	0 18	0 21	8	19	17	
20	S		8	12 7	1 3	8	20	19	
21	F	Low Sunday.	1	24 0	1 35	8	21	20	
22	M		2	6 3	2 0	9	23	22	
23	T	St. George	3	18 22	2 21	9	24	23	Now more
24	W	Ox. & Ca. T. b.	4	1 1	2 38	9	25	24	fair and
25	T	St. Mark Prs.	5	14 6	2 54	10	26	25	pleasant for
26	F	[Mary b.]	6	27 37	3 9	10	27	26	several days.
27	S		7	11 36	3 26	11	29	27	
28	F	2 S. af. Easter	8	23 59	3 44	11	8	28	* h ♂
29	M		9	10 42	sets	11	1	29	
30	T		10	25 35	9 a 36	12	2	30	

Who can account for the automaton?
 The heart I mean, and how its clack beats on:
 It must be to th' elastick air owing;
 That source of motion sets the rest a-going:
 Motion gives life by causing vital heat,
 And death's the effect when movements cease to beat.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
1	5	32	6	28	
2	5	30	6	30	a swiftneſs which we have no examples of
3	5	28	6	32	here in any meteors, unleſs it be in ſuch
4	5	26	6	34	thunder and lightening. So that I do not
5	5	24	6	36	ſee room for much doubt in the caſe. 'Tis
6	5	22	6	38	true, the rareneſs of the air above, will, as
F 5	5	20	6	40	in all like caſes, greatly deaden and damp
8	5	18	6	42	the ſound of the thunder, as no doubt it
9	5	17	6	43	does; but this is no great difficulty here,
10	5	15	6	45	becauſe the prodigious vaſtneſs of the blaſt,
11	5	13	6	47	if it be all ſo much more violent as the fire-
12	5	11	6	49	ball is greater in quantity, as it muſt natu-
13	5	9	6	51	rally be, will abundantly make up that de-
F 5	5	7	6	53	fect, and afford us a ſufficient ſound not-
15	5	5	6	55	withſtanding; I do not indeed know any
16	5	3	6	57	mechanical power, that in ſuch a fluid me-
17	5	1	6	59	dium as the air, can cauſe ſo ſudden, and
18	4	59	7	1	ſo prodigious a collection of fiery vapors,
19	4	57	7	3	and carry them in one particular horizontal
20	4	56	7	4	direction with ſuch an immense velocity as
F 4	4	54	7	6	we here meet with. But then, I am equally
22	4	52	7	8	at a loſs for the mechanical cauſe of the
23	4	50	7	10	ſtrange effects of gun-powder, and of the
24	4	48	7	12	like cauſe of the velocity, force, and di-
25	4	46	7	14	rection of thunder and lightening, and in-
26	4	45	7	15	deed of many other powers of nature; of
27	4	43	7	17	whoſe exiſtence, yet, there is no manner of
F 4	4	41	7	19	queſtion. So that if it appears, that this,
29	4	39	7	21	and
30	4	37	7	23	

M	h	24
D	—	↑
1	11	4
6	11	3
11	10	3
16	10	2
21	10	2
26	10	1

First Quarter the 5th day, at 12 at night.

Full Moon the 13th day, at 2 in the afternoon.

Last Quarter the 21st day, at 7 in the afternoon.

New Moon the 28th day, at 4 in the afternoon.

M	W	Remarkable Days, &c.	☉	Longitude	☽ rises & sets.	♂	♀	☿	Mut. Aspects and Weather
D			8			♂	♀	☿	
1	W	St. Phil. & Jas.	11	10 11 30	10 52	12	4	0	Fine weather
2	T	[East. T. b	12	25 18	11 50	13	5	1	begins the
3	F	Inv. of Cross	13	9 54	morn	13	6	1	☐ ☉ ♂
4	S	3 S. aft. Easter	14	24 13	0 33	13	7	2	month of
5	M		15	8 13	1 3	14	9	2	May.
6	T	John Ev. a P. L.	15	21 55	1 29	14	10	2	
7	T	Os. of York b.	16	5 19	1 49	15	11	2	
8	W		17	18 28	2 6	15	12	R	Windy, with
9	T		18	1 22	2 20	16	13	2	showers,
10	F		19	14 4	2 35	16	15	2	☐ ♂ ♀
11	S	4 S. af. Easter	20	26 35	2 52	16	16	2	and good
12	M		21	8 m 55	3 12	17	17	2	Spring wea-
13	M	Old May Day	22	21 6	rises	17	18	1	ther.
14	T		23	3 8	9 a 23	18	20	1	
15	W		24	15 3	10 18	18	21	1	
16	T	Prs. of W. b.	25	26 53	11 4	19	22	8	
17	F		26	8 40	11 38	19	23	29	Cold and
18	S	Rogat. S. Q.	27	20 29	morn	20	25	29	stormy
19	T	[Ch. b.	28	2 23	0 4	20	26	28	♂ ☉ ☿
20	M	Dunst.	29	14 26	0 25	21	27	28	weather now
21	T	Prs. Eliz. b.	11	26 44	0 44	21	28	27	8 ☉ 4
22	W	Afc. Holy T.	1	9 21	1 1	22	29	27	8 4 ♀
23	T		2	22 23	1 6	22	11	26	about.
24	F		3	5 52	1 31	23	2	26	
25	S	S. aft. [Aug.	4	19 49	1 48	23	3	25	
26	M	Ven. Bede	5	4 14	2 7	24	4	25	Windy, with
27	T	[East T. ends	6	19 2	2 27	24	6	24	☐ ♂ ☿
28	T	R. Ch. 2. 1. Ch.	7	4 11 6	sets	25	7	24	♂ ☉ ♀
29	W		8	19 16	9 a 34	25	8	24	showers.
30	T	Ox. T. e. Cam.	9	4 22	10 27	26	9	24	Δ h ♀
31	F	[T. div. n.	10	19 16	11 5	26	11	24	Δ ☉ h

For eating next I no such rules subjoin;
 As just how much, or what o'clock to dine;
 No standing precepts just what you may eat,
 But do as sober nature indicate;
 Let not rich sauce tempt you to cram and pore,
 To please one sense, confound the other four.

M	☉ rises	☉ sets
D	h m	h m

OBSERVATIONS.

1	4	36	7	24	
2	4	34	7	26	and such like meteors are no other than
3	4	32	7	28	blasts of thunder and lightening, such as is
4	4	31	7	29	proper and peculiar to the higher regions
F	4	29	7	31	of the air, as I hope it now does; we ought not
6	4	27	7	33	to object this difficulty against the present so-
7	4	25	7	35	lution, which is built upon the known pro-
8	4	24	7	36	perties of nitro-sulphureous vapors in all
9	4	22	7	38	such explosions, whether of gun-powder
10	4	21	7	39	below, or of thunder and lightening a little
11	4	19	7	41	above. I shall now observe a few things
F	4	18	7	42	which may, on this occasion, deserve the
13	4	16	7	44	attention of the curious. The great meteor
14	4	14	7	46	or fire-ball on the 18th of <i>August</i> , 1783, I
15	4	13	7	47	spoke of before, was, from observations,
16	4	12	7	48	about a mile in diameter, being found,
17	4	10	7	50	also by observation, near 50 miles high;
18	4	9	7	51	therefore such a collection of nitro-sulphu-
F	4	7	7	53	reous vapors as this, is to such a collection
20	4	6	7	54	of the like vapors in the largest thunder-
21	4	5	7	55	storms here below, if scarce 20 feet diame-
22	4	3	7	57	ter, as the cubes of those diameters, or as
23	4	2	7	58	16,000,000 to 1. So that the explosion or
24	4	1	7	59	force of such a ball of fire as this would
25	4	0	8	0	naturally, as to light, sound, and strength;
F	3	58	8	2	be in the same proportion also. Therefore
27	3	57	8	3	it is no wonder that the sound of the ex-
28	3	56	8	4	plosion of the fire-ball of the 18th of <i>Au-</i>
29	3	55	8	5	<i>gust</i> , as mentioned above, was heard at the
30	3	54	8	6	distance
31	3	53	8	7	

M	h	u
D	u	↑
1	10	0
6	9	m
11	9	29
16	D	29
21	10	28
26	10	28

First Quarter the 4th day, at 8 in the morning.
 Full Moon the 12th day, at 6 in the morning.
 Last Quarter the 20th day, at 7 in the morning.
 New Moon the 26th day, at 11 at night.

M	W	Remarkable	☉	☽ Lon-	☽ rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	II	gitude	& sets	Ω	II	8	and Weather.
1	S	Nicomede	10	3 Ω 51	11 a 32	27	12	24	Fair and plea-
2	F	Whit. Sund.	11	18 4	11 54	27	13	24	sant about
3	M	Whit-Mond.	12	1 m 35	morn	28	14	24	this time.
4	T	Whit-Tuesd.	13	K. Geo. III. b.		28	15	24	
5	W	D. Cumb. b.	14	Bonif.	0 25	29	17	24	
6	T	[Emb. Week	15	11 u 10	0 41	29	18	25	
7	F		16	23 41	0 57	m	19	25	□ 4 ♂
8	S		17	5 m 59	1 14	0	20	26	Frequent
9	F	Trinity Sun.	18	18 7	1 37	1	22	26	showers about
10	M		19	0 ↑ 7	2 4	1	23	27	this time, and
11	T	St. Barnabas	20	12 1	2 39	2	24	28	
12	W	Oxf. T. beg.	21	23 51	rises	2	25	28	8 4 ♀
13	T	Corpus Christi	22	5 h 39	9 a 38	3	27	29	perhaps
14	F	Trin. T. beg.	23	17 28	10 5	3	28	II	thunder.
15	S		24	29 19	10 27	4	29	1	
16	F	1 S. af. Trin.	25	11 w 17	10 56	4	u	2	
17	M	Alban	26	23 25	11 2	5	1	3	
18	T		27	5 X 45	11 16	6	3	4	Brisk gales
19	W		28	18 24	11 31	6	4	5	
20	T	Tr. Ed. K. W. S.	29	1 v 23	11 48	7	5	7	□ ♂ ♀
21	F	Longest day.	u	14 46	m rn	7	6	8	of wind
22	S		1	28 36	0 6	8	8	9	△ h ♀; * ♂ ♀
23	F	2 S. af. Trin.	1	12 8 52	0 30	8	9	11	□ h ♀
24	M	Nat. J. Bap.	2	27 32	1 0	9	10	13	now about.
25	T	[Midsum.	3	12 II 31	1 43	9	11	14	
26	W		4	27 41	sets	10	12	16	
27	T		5	12 u 52	8 a 54	11	14	17	Hot, with
28	F		6	27 55	9 26	11	15	19	showers of
29	S	St. Peter	7	12 Ω 42	9 51	12	16	21	rain.
30	F	3 S. af. Trin.	8	27 7	10 11	12	17	23	

For drink I'd with you'd to this truth assent;
 No fluid like Adam's pure element;
 Did you make proof, few fevers you would know,
 And doctor's trade diminutive would grow.
 But multitudes who have strong drink attach'd,
 I know will cry this down that I have preach'd.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
	13	52	8	8	
F	3	51	8	9	distance of at least 80 or 100 miles from the
	3	51	8	9	explosion itself (as was that surprising me-
	4	50	8	10	teor, seen in the air, <i>March 19th, 1719</i>)
	5	49	8	11	even through that upper air, where it is
	6	48	8	12	about 2000 times rarer, and in the same
	7	48	8	12	proportion weaker than it is here below.
	8	47	8	13	Therefore if this ball of fire had been di-
F	3	46	8	14	rected downward, meaning that of 1783,
10	3	46	8	14	and came into our lower air, and been there
11	3	45	8	15	exploded, its sound, at the same distances,
12	3	45	8	15	would have been about 2000 times as great
13	3	44	8	16	as it then was. So that besides the sad de-
14	3	44	8	16	solation that might arise from such balls of
15	3	44	8	16	fire, would have been vastly sudden and ter-
F	3	43	8	17	rible, the very sound or concussion of the
17	3	43	8	17	air would have itself been exceeding
18	3	43	8	17	dreadful, and very fatal also to all the
19	3	43	8	17	neighbouring animals, trees, and buildings
20	3	43	8	17	whatsoever. Some of the smaller <i>meteors</i> of
21	3	43	8	17	this kind afford no sound at this distance;
22	3	43	8	17	but the larger sorts do always to a great de-
F	3	43	8	17	gree. A small <i>meteor</i> of this sort, such as
24	3	43	8	17	that on the 13th of <i>November, 1803</i> , if it
25	3	43	8	17	had descended to the earth, in its full blaze,
26	3	43	8	16	would have been abundantly sufficient to
27	3	44	8	16	have destroyed a town or village, and that
28	3	44	8	16	in an instant. We know of no mechanical
29	3	45	8	15	causes
F	3	45	8	15	

D	☾	m
1	10	27
6	10	27
11	10	27
16	10	27
21	11	26
26	11	26

First Quarter the 3d day, at 7 in the afternoon.

Full Moon the 11th day, at 9 in the afternoon.

Last Quarter the 19th day, at 3 in the afternoon.

New Moon the 26th day, at 6 in the morning.

M	W	Remarkable	☉	Longitude	Rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	☾	gitude	& sets	☾	☾	☾	and Weather.
1	M		9	11 ^h 46	10 a 27	13	19	24	☐ ☉ ♀
2	T	Camb. Com.	10	Visitat.	10 41	13	20	26	Hot, with
3	W	Dog Days b.	11	7 ^h 47	10 57	14	21	28	claps of
4	T	Cr. St. Mart.	12	20 32	11 15	15	22	☾	thunder.
5	F	Cam. T. ends	13	21 ^m 59	11 35	15	24	2	
6	S	Old Midsum.	14	15 11	morn	16	25	4	
7	F	4. S. af. Trin.	15	Becket	0 1	16	26	6	Δ ♀
8	M	Oxford Aet	16	9 ^h 5	0 34	17	27	9	☐ ♀
9	T		17	20 55	1 15	17	28	11	Frequent
10	W		18	21 ^h 43	2 6	18	☉	13	* ☉ ♂
11	T	Eclips. vis.	19	14 32	rises	19	1	15	showers now
12	F		20	26 26	8 27	19	2	17	about.
13	S	Oxf. T. ends	21	8 ^m 25	8 48	20	3	19	* ♂ ♀
14	F	5. S. af. Trin.	22	20 32	9 4	20	5	21	☉ ☉ ♀
15	M	Swithin	22	2 ^h 49	9 18	21	6	24	Cooling gales
16	T		23	15 19	9 33	22	7	26	Δ ♀
17	W		24	28 4	9 49	22	8	28	of wind, and
18	T		25	11 ^h 7	10 6	23	10	☉	* ♀
19	F		26	24 28	10 26	23	11	2	Δ ☉ ♀
20	S	Margaret	27	8 ^h 11	10 54	24	12	4	pleasant
21	F	6. S. af. Trin.	28	22 15	11 33	24	13	6	weather.
22	M	Magdalen	29	6 ^h 39	morn	25	14	8	
23	T		☉	21 22	0 20	26	16	10	* ♀
24	W		1	6 ^h 16	1 30	26	17	12	* ♀
25	T	St. James	2	21 17	2 50	27	18	14	Hot, with
26	F	St. Anne	3	6 ^h 15	sets	28	19	16	thunder in
27	S		4	21 2	8 a 9	28	21	18	many places.
28	F	7. S. af. Trin.	5	5 ^m 30	8 27	29	22	19	
29	M		6	19 35	8 45	29	23	21	
30	T		7	3 ^h 15	9 2	☾	24	23	
31	W		8	16 27	9 18	1	25	25	

With what vast numbers shall I imp my verse;
 To court the plagues mad drunkards do possess;
 Yet view the circle, soon it will appear,
 This rampant Vice each day its head does rear:
 Oh, enchanting sin! of sad impending fate,
 Destroys soul, body, credit, and estate.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
1	3	46	8	14	
2	3	46	8	14	causes that can prevent such a descent of
3	3	47	8	13	these meteors downwards: for as our com-
4	3	47	8	13	mon thunder and lightening certainly do,
5	3	48	8	12	and that not seldom, descend from the clouds
6	3	49	8	11	to the earth, and make lesser destructions
F	3	49	8	11	there, so that our best observations incline
8	3	50	8	10	us to allow. that all <i>meteors</i> of this kind have
9	3	51	8	9	a little descended in their course also. All
10	3	52	8	8	our best histories, as well as some of our own
11	3	53	8	7	observations of fire-balls or <i>meteors</i> of this
12	3	54	8	6	kind, whose heights have been measured,
13	3	55	8	5	never give less than 20 or 30 miles altitude
F	3	56	8	4	to any of them, but very often they pass
15	3	57	8	3	over at the height of 50 or 60 miles, as
16	3	58	8	2	that of 1783, by some good judges and
17	3	59	8	1	learned men, was supposed to have done.
18	4	0	8	0	Whence it appears, that the great and good
19	4	2	7	58	Author of nature has generally, in the
20	4	3	7	57	course of his providence, confined them to
F	4	4	7	56	the upper regions of our air, and preserved
22	4	5	7	55	the lower parts of it, with the inhabitants
23	4	7	7	53	of the earth and seas, from the dismal ef-
24	4	8	7	52	fects of them; though that confinement and
25	4	10	7	50	preservation be provided for by causes no
26	4	11	7	49	way apparent to us at present. That we ac-
27	4	12	7	48	cordingly have no certain accounts of any
F	4	14	7	46	great destruction brought upon mankind by
29	4	15	7	45	such <i>meteors</i> , excepting that amazing and
30	4	17	7	43	divine
31	4	18	7	42	

M	h	24
D	≡	m
1	11	27
6	12	27
11	12	27
16	13	27
21	13	28
26	14	28

First Quarter the 2d day, at 8 in the morning.

Full Moon the 10th day, at 12 at noon.

Last Quarter the 17th day, at 10 at night.

New Moon the 24th day, at 3 in the afternoon.

First Quarter the 31st day, at 12 at night.

M	W	Remarkable	☉	Longitude	☽ rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	Ω	gitude	& sets	≡	Ω	Ω	and Weather
1	T	Lammas day.	9	29 [≡] 16	9 a 38	1	27	26	☐ 2 ♀; ☐ 2 ♂;
2	F		10	11 ^m 43	10 2	2	28	28	♂ ♀ ☿
3	S		11	23 54	10 33	2	29	☿	This month
4	F	8 S. af. Trin.	12	5 [†] 52	11 11	3	^m	1	* ☉ h
5	M		13	17 43	11 59	4	2	3	begins with
6	T	Transfigurat.	13	29 31	morn	4	3	5	flying show-
7	W	Prs. Amel. b.	14	11 ^h 20	0 57	5	4	6	ers.
8	T	[Na. of Jesus	15	23 13	2 5	6	5	8	
9	F		16	5 [≡] 14	3 14	6	7	9	
10	S	St. Lawrence	17	17 24	rises	7	8	11	
11	F	9 S. af. Trin.	18	Da. Br. b.	7 a 27	7	9	12	Good harvest
12	M	Pr. of W. b.	19	Dog d. e.	7 43	8	10	13	weather,
13	T	Old Lammas	20	25 ^h 6	7 59	9	11	15	which I hope
14	W		21	8 ^h 5	8 15	9	13	16	will last.
15	T	Assumption.	22	21 19	8 36	10	14	18	
16	F	D. of York b.	23	4 ^h 47	9 2	11	15	19	
17	S		24	18 28	9 35	11	16	20	
18	F	10 S. af. Trin.	25	2 ^h 24	10 17	12	18	21	I expect some
19	M		26	16 35	11 14	13	19	23	
20	T		27	0 ^h 57	morn	13	20	24	☐ ☉ 2; ♂ h ♂
21	W	D. of Cla. b.	28	15 30	0 27	14	21	25	thunder show-
22	T		29	0 ^h 8	1 50	14	22	26	ers now
23	F		☿	14 47	2 18	15	24	27	* 2 ♀
24	S	St. Bartholo.	1	29 20	sets	16	25	28	about.
25	F	11 S. af. Trin.	2	13 ^h 40	6 a 53	16	26	29	
26	M		3	27 41	7 11	17	27	≡	* 2 ♀
27	T		4	11 [≡] 20	7 27	18	29	1	Fine weather
28	W	St. Augustine	5	24 34	7 47	18	≡	2	now about.
29	T	J. Bapt. Beh.	6	7 ^m 24	8 11	19	1	2	
30	F		7	19 52	8 39	20	2	3	
31	S		8	2 [†] 3	9 15	20	2	4	

The principle I next to you prefer,
 See the secretions all move regular;
 If nature's functions do not act compleat,
 Bleed, purge, or vomit, blister, or else sweat;
 But first of all with some physician treat.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
1	4	20	7	40	
2	4	22	7	38	divine judgment on <i>Sodom</i> and <i>Gomorrhah</i> ,
3	4	23	7	37	<i>Admah</i> and <i>Zeboim</i> , which the sacred scrip-
F 4	4	25	7	35	tures record, and to which all the heathen
5	4	26	7	34	accounts also agree. The scriptures de-
6	4	28	7	32	scribe it thus: <i>Gen.</i> 19. v. 24, 25, and 26.
7	4	30	7	30	Then the Lord rained down upon <i>Sodom</i> and
8	4	31	7	29	upon <i>Gomorrhah</i> brimstone and fire, from the
9	4	33	7	27	Lord out of heaven. And he overthrew
10	4	35	7	25	those cities, and all the plain, and all the
F 4	4	37	7	23	inhabitants of those cities, and that which
12	4	38	7	22	grew upon the ground. But <i>Lot's</i> wife
13	4	40	7	20	looked back from behind him, and she be-
14	4	42	7	18	came a pillar of salt. And the smoke of the
15	4	44	7	16	country went up as the smoke of a furnace.
16	4	45	7	15	v. 28. Which is elsewhere alluded to, also
17	4	47	7	13	by <i>Moses</i> , in these words; <i>Deut.</i> 29. v. 23.
F 4	4	49	7	11	The whole land thereof is brimstone, and
19	4	51	7	9	burning salt; that it is not sown, nor beareth,
20	4	53	7	7	nor any grass groweth therein; like the
21	4	54	7	6	overthrow of <i>Sodom</i> and <i>Gomorrhah</i> , <i>Admah</i>
22	4	56	7	4	and <i>Zeboim</i> , the Lord overthrew in his an-
23	4	58	7	2	ger, and in his wrath. <i>Diodorus Siculus</i> says,
24	5	0	7	0	that places near this <i>Asphaltites</i> , or <i>Lake of</i>
F 5	5	2	6	58	<i>Bitumen</i> , are fiery, and of an ill favor, and
26	5	4	6	56	make the bodies of the inhabitants sickly,
27	5	6	6	54	and altogether short-lived. <i>Strabo</i> says,
28	5	8	6	52	There are many indications of a burning
29	5	9	6	51	soil here: which confirm the tradition of
30	5	11	6	49	the
31	5	13	6	47	

M	h	u
D	u	m
	1	14
	6	15
	11	15
	16	16
	21	17
	26	17
		2

Full Moon the 9th day, at 2 in the morning.

Last Quarter the 16th day, at 5 in the morning.

New Moon the 23d day, at 1 in the morning.

First Quarter the 30th day, at 7 in the afternoon.

M	W	Remarkable	☉	☽	☽	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	m	Longitude.	& sets	u	u	u	and Weather.
1	F	12 S. af. Trin.	9	Giles	10 a 0	21	5	4	♂ ♀ ☿
2	M	Lon. bt. 1666	10	25 52	10 54	22	6	5	Somehowers
3	T		10	7 40	11 57	22	7	5	about this
4	W		11	19 31	morn	23	8	6	time.
5	T		12	1 28	1 5	24	10	6	
6	F		13	13 37	2 16	24	11	6	
7	S	Enurhus	14	25 59	3 29	25	12	R	Rather
8	F	13 S. af. Trin.	15	8 36	4 43	26	13	6	windy, but
9	M	[Nat. V. M.]	16	21 30	rises	26	14	6	♂ ♀ ☿
10	T		17	4 38	6 a 31	27	16	6	not bad
11	W		18	18 1	6 50	28	17	6	weather for
12	T		19	1 34	7 14	28	18	5	the season.
13	F		20	15 18	7 43	29	19	5	
14	S	Holy Cross	21	29 10	8 24	m	20	4	
15	F	14 S. af. Trin.	22	13 8	9 18	0	22	3	Fine season-
16	M		23	27 12	10 24	1	23	2	able weather
17	T	Lambert	24	11 20	11 40	2	24	1	* 24 ☿
18	W	Ember Week	25	25 33	morn	2	25	m	still conti-
19	T		26	9 47	1 5	3	27	29	nues.
20	F		27	24 0	2 29	4	28	28	
21	S	St. Matthew	28	8 m 9	3 52	4	29	27	
22	F	15 S. af. Trin.	29	22 9	5 14	5	m	26	
23	M	[K.G.III.cr.]	u	5 54	sets	6	1	25	Foggy morn-
24	T		1	19 22	5 a 58	6	3	24	ings, but
25	W		2	2 m 29	6 22	7	4	23	* ☉ 24
26	T	Cyprian. O.	3	15 16	6 50	8	5	23	fine days
27	F	[Hol. Rood.]	4	27 43	7 24	8	6	21	even to the
28	S		5	9 53	8 5	9	8	22	end.
29	F	16 S. af. Tr. St.	6	Mic. Ds. Wir. b.	10	9	D		
30	M	Jerom.	7	3 41	9 54	10	10	22	

Few rightly weigh the use of exercise,
 Its benefits the poor most oft obtain;
 By dear repentance some at last grow wise,
 What for long rest they suffer longer pain:
 For gout, and stone, and all such like diseases,
 Mostly dwell where luxury and ease is.

M D	☉ rises		☉ sets		OBSERVATIONS.
	h	m	h	m	
F	5	15	6	45	
2	5	17	6	43	the inhabitants adjoining, which say, There
3	5	19	6	41	were therein of old thirteen cities, the prin-
4	5	21	6	39	cipal of which was <i>Sodom</i> ; whose circuit is
5	5	23	6	37	still shewn of 60 furlongs; and that the lake
6	5	25	6	35	arose from earthquakes, with the eruptions
7	5	27	6	33	of fire, and of hot and brimstony waters;
F	5	29	6	31	whereby the stones took fire, while some of
9	5	31	6	29	the cities were swallowed up, and others
10	5	32	6	28	deserted by those who could get away.
11	5	34	6	26	<i>Tacitus</i> says, That these plains are related
12	5	36	6	24	to have been anciently very fruitful, and
13	5	38	6	22	with great cities in them; but that they
14	5	40	6	20	were burnt by a blast of <i>thunder</i> and <i>lighten-</i>
F	5	42	6	18	<i>ing</i> ; the footsteps of which remain; that
16	5	44	6	16	the land looks burnt, and has lost its ferti-
17	5	46	6	14	lity; because all things that grew there,
18	5	48	6	12	whether of their own accord, or by cul-
19	5	50	6	10	ture of the labourers, both the herb and
20	5	52	6	8	the flower, when they seem nearly ripe,
21	5	54	6	6	become black and empty, and seem to va-
F	5	56	6	4	nish away into ashes. <i>Solinas</i> says, There
23	5	58	6	2	is a large bay, that opens itself a great way
24	6	0	6	0	from <i>Jerusalem</i> , which was stricken from
25	6	2	5	58	heaven, as a black soil that turns into ashes;
26	6	4	5	56	there were there two cities, <i>Sodom</i> and <i>Go-</i>
27	6	6	5	54	<i>morrah</i> by name, the apple of which places,
28	6	8	5	52	when it seems to be ripe, cannot be chewed;
F	6	10	5	50	for
30	6	11	5	48	

Full Moon the 8th day, at 2 in the afternoon.

Last Quarter the 15th day, at 11 in the morning.

New Moon the 22d day, at 2 in the afternoon.

First Quarter the 30th day, at 3 in the afternoon.

1	18	3
6	18	4
11	19	5
16	20	6
21	20	7
26	21	7

M	W	Remarkable	☉	Longitude.	☽ rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	h	m	& sets	m	m	h	and Weather
1	T	Remigius	8	15 ^h 29	11 a	0	11	11 22	♂ ♂ ♀
2	W		9	27 20	morn		12	12 22	October be-
3	T		10	9 ^m 20	0	10	13	14 22	gins very fine,
4	F		11	21 23	1	24	13	15 23	but not with-
5	S		12	4 ^h 3	2	39	14	16 24	out some
6	F	17 S. af. Trin.	13	16 54	3	45	15	17 25	showers.
7	M	[Faith	14	0 ^h 4	5	1	15	18 26	
8	T		15	13 35	rises		16	20 27	
9	W	Denys	16	22 22	5 a	26	17	21 28	
10	T	Ox. & Ca. T. b.	17	11 8 22	5	56	17	22	Fair and very
11	F	Old Mic. d.	18	25 31	6	34	18	23	pleasant
12	S		19	9 ^h 43	7	23	19	24	♂ ☉ ♀
13	F	18 S. af. Trin.	20	23 56	8	26	20	26	* 24 ☿
14	M	[Trans. K. Ed.	21	8 ^h 6	9	39	20	27	6 weather.
15	T		22	22 12	10	58	21	28	7
16	W		23	6 ^h 14	morn		22	29	9
17	T	Etheldreda	24	20 11	0	22	22	♂ 10	
18	F	St. Luke	25	4 ^h 1	1	44	23	2	12 Cloudy and
19	S		26	17 45	3	6	24	3	14 more cool,
20	F	19 S. af. Trin.	27	1 ^h 18	4	24	24	4	15 ♂ ☉ ♀
21	M		28	14 40	5	40	25	5	17 with showers
22	T		29	27 49	sets		26	6	19 ♂ 24 ♀
23	W		m	10 ^h 41	4 a	56	27	8	20 ♂ ♀
24	T		1	23 17	5	27	27	9	22 of rain.
25	F	K. Geo. 3. ac.	2	Crisp.	6	6	28	10	24
26	S	K. Geo. 3 pro.	3	17 ^h 45	6	56	29	11	26
27	F	20 S. af. Trin.	4	29 40	7	50	♂ 12	27	Some cold
28	M	St. Sim. & Jude	5	11 ^h 29	8	53	0	14	29 mornings at
29	T		6	23 16	10	0	1	15	m the end.
30	W		7	5 ^h 6	11	9	2	16	2
31	T		8	17 5	morn		2	17	4

Sleep, justly dos'd, is nature's cordial friend ;
 Sooths all our cares, and all our pains suspend ;
 Concoction helps, cheers spirits that are maim'd,
 Unbind our springs when organs over-strain'd :
 But when 'tis wanting, or exceeds a mean,
 Folly, or pain, or madness, intervene,

M	☉ rises		☉ sets		OBSERVATIONS.
	D	h m	h m		
	1	6	14	5	46
	2	6	16	5	44
	3	6	18	5	42
	4	6	20	5	40
	5	6	22	5	38
F	6	6	24	5	36
	7	6	26	5	34
	8	6	28	5	32
	9	6	29	5	31
10	6	31	5	29	
11	6	33	5	27	
12	6	35	5	25	
F	6	37	5	23	
14	6	39	5	21	
15	6	41	5	19	
16	6	43	5	17	
17	6	45	5	15	
18	6	47	5	13	
19	6	49	5	11	
F	6	51	5	9	
21	6	53	5	7	
22	6	55	5	5	
23	6	56	5	4	
24	6	58	5	2	
25	7	0	5	0	
26	7	2	4	58	
F	7	4	4	56	
28	7	6	4	54	
29	7	8	4	52	
30	7	9	4	51	
31	7	11	4	49	

for the paring on the outside, which is thin, contains within nothing but soot and ashes; which when you press it never so little with your hand, sends out smoke, and vanishes away into dust dispersed by the wind. Now how exactly these descriptions agree to a country destroyed by such terrible meteors as these, I dare appeal to all sober and considerate naturalists: while the rain of fire and brimstone, or of brimstone on fire, with nitrous salts intermixed, is here literally true; while the smoke, like the smoke of a furnace, is also literally true; it being evident in fact, that all volcanoes, great guns, and such meteors as these, directly leave a mighty smoke after their explosion: while the salt lake itself would easily thence arise, by the penetration of such fierce and fiery particles into the bowels of a country, which was full of slime-pits already, and so prepared to take fire: while it would thus easily destroy itself by a subversion, an overthrow, or an earthquake, and thereupon admit the waters of the river *Jordan*, from the neighbouring sea of the plain, and would infect them with its nitrous and sulphureous vapors, and so become one great salt, or dead sea, for all future generations: while

M	h	u
D	u	h
1	22	9
6	22	10
11	23	11
16	23	12
21	24	13
26	24	14

Full Moon the 7th day, at 2 in the morning.

Last Quarter the 13th day, at 7 in the afternoon.

New Moon the 21st day, at 6 in the morning.

First Quarter the 29th day, at 11 in the morning.

M	W	Remarkable	☉	☽ lon-	☽ riles	♂	♀	☿	Mut. Aspect
D	D	Days, &c.	m	gitude	& sets	h	h	h	and Weather
1	F	All Saints	9	29 ^m 18	om 20	3	18	5	Cloudy and
2	S	D. Kent b.	10	All So.	1 31	4	20	7	cold, with
3	F	21 S. af. Trin.	11	Prs. So. b.		5	21	9	* h ♀
4	M	K. Wm. land.	12	8 ^h 5	3 59	5	22	10	rain or fleet.
5	T	Powder Plot.	13	21 49	5 17	6	23	12	
6	W	Leon. Mic.	14	5 8 55	6 38	7	24	14	☉ ☽
7	T	[Ter. be.	15	20 19	rises	8	26	15	
8	F	Prs. Au. So. b.	16	4 ^h 54	5 a 19	8	27	17	
9	S	Lord Mayor's d.	17	19 34	6 17	9	28	18	Cold and
10	F	22 S. af. Trin.	18	4 ^h 11	7 29	10	29	20	frostlike, with
11	M	St. Martin	19	18 40	8 48	10	30	22	
12	T	Cam. T. d. m.	20	2 ^h 59	10 12	11	1	23	☉ 24 ♂
13	W	Britius.	21	17 4	11 33	12	3	25	brisk winds.
14	T		22	0 ^h 55	morn	13	4	26	
15	F	Machutus	23	14 33	0 53	13	5	28	
16	S		24	27 57	2 12	14	6	29	
17	F	23 S. af. Trin.	25	11 ^h 8	3 27	15	7	1	More open
18	M	[Hugh, Ep.	26	24 7	4 41	16	9	3	and fine for
19	T		27	6 ^h 53	5 56	16	10	4	the season.
20	W	Edmund	28	19 25	7 6	17	11	6	
21	T		29	1 ^h 48	sets	18	12	7	
22	F	Cecilia	1	13 58	4 a 45	19	13	9	
23	S	Clem. Ol. Mart.	1	25 58	5 37	19	14	10	Cold winds
24	F	24 S. af. Trin.	2	7 ^h 50	6 38	20	16	12	
25	M	D. of Glof. b.	3	19 38	7 44	21	17	13	☉ 24 ☿
26	T	[Catharine	4	1 ^h 24	8 51	22	18	15	with frosts.
27	W		5	13 13	9 59	22	19	16	
28	T	Mic. Ter. e.	6	25 11	11 8	23	20	18	Rain or fleet
29	F		7	7 ^h 21	morn	24	21	19	near the end.
30	S	St. Andrew	8	19 50	0 19	25	23	21	* h ♂

Let discontent with you be seldom seen,
 The nurse that feeds and much indulge the spleen;
 (Which reason marrs, and dire ideas frame;)
 Self-murders rise, scandal to Christians fame.

M	☉ rises		☉ sets		OBSERVATIONS.
	D	h m	D	h m	
	1	7 13	4 47		
	2	7 15	4 45		while the remains of all this would naturally
F	7	17 4	43		produce such a barren soil, full of smoke
	4	7 18	42		and ashes, as we find adjoining the salt sea,
	5	7 20	40		by the foregoing descriptions. This nitro-
	6	7 22	38		fulphureous shower would also naturally
	7	7 24	36		fall on <i>Lot's</i> wife, while she staid a little
	8	7 25	35		behind, looking back, as not fully believ-
	9	7 27	33		ing God's threatening concerning this ter-
F	7	29 4	31		rrible destruction, and would not only kill
	11	7 30	30		her in an instant, but render her body im-
	12	7 32	28		mediately stiff and fixed, in the same pos-
	13	7 33	27		ture wherein she was when it fell on her;
	14	7 35	25		which is no uncommon circumstance with
	15	7 37	23		us, when any persons have been killed
	16	7 38	22		by lightening; and which would render
F	7	40 4	20		her a standing pillar of salt, of nitrous
	18	7 41	19		salt, in a literal sense; however, a pillar
	19	7 42	18		of salt for perpetuity, or a lasting monu-
	20	7 44	16		ment of this terrible judgment for future
	21	7 45	15		generations. And so it proved, for it
	22	7 47	13		was still in being several years after our Sa-
	23	7 48	12		viour's death, as the Jewish historian <i>Jo-</i>
F	7	49 4	11		<i>sephus</i> himself assures us, and whose words
	25	7 51	9		seem to imply, that himself had seen it
	26	7 52	8		also. That one great ordinary intention
	27	7 53	7		and use of these <i>meteors</i> seem to be the same
	28	7 54	6		with that of the tides for the sea; and of
	29	7 55	5		storms,
	30	7 56	4		

Full Moon the 6th day, at 1 in the afternoon.
 Last Quarter the 13th day, at 5 in the morning.
 New Moon the 20th day, at 12 at night.
 First Quarter the 29th day, at 4 in the morning.

1 25 15
 6 25 17
 11 26 18
 16 26 19
 21 27 20
 26 27 21

M	W	Remarkable	☉	D lon-	D rises	♂	♀	☿	Mut. Aspects
D	D	Days, &c.	↑	gitude	& sets	↑	↓	↑	and Weather.
1	F	Advent Sun.	9	2 ♀ 41	1 m 31	25	24	23	Cold winds,
2	M		10	15 58	2 44	26	25	24	* h ☿
3	T		11	29 42	4 2	27	26	26	☐ h ♀
4	W		12	13 8 54	5 25	28	27	27	with fleet or
5	T		13	28 29	6 45	28	28	29	♂ ♂ ☿
6	F	Nicholas	14	13 II 21	rises	29	29	h	cold rains.
7	S		15	28 23	4 a 57	h	☿	1	
8	F	2 S. in Adv	16	13 ☿ 25	6 20	1	2	3	
9	M	[Conc.V.M.]	17	28 19	7 44	1	3	4	♂ ☉ 24
10	T		18	12 ♀ 59	9 7	2	4	6	Still cold,
11	W		19	27 20	10 30	3	5	7	with frosts,
12	T		20	11 m 20	11 51	4	6	9	now about.
13	F	Lucy	21	24 58	morn	5	7	10	
14	S		22	8 ☐ 15	1 8	5	8	11	
15	F	3 S. in Adv.	23	21 14	2 22	6	9	13	
16	M	O. Sapi. C.T.e.	24	3 m 56	3 35	7	11	14	Dark cloudy
17	T	Oxf. T. ends	25	16 23	4 47	8	12	15	weather,
18	W	Ember Week	26	28 40	5 57	8	13	16	* ☉ h
19	T		27	10 ↑ 46	6 59	9	14	17	with rain or
20	F		28	22 45	7 52	10	15	18	fnow.
21	S	St. Thomas	29	Sh. Day	fets	11	16	19	
22	F	4 S. in Adv	h	16 h 27	5 a 21	11	17	20	
23	M		1	28 14	6 29	12	18	21	
24	T		2	10 ☿ 2	7 36	13	19	21	The year
25	W	Christmas d.	3	21 54	8 44	14	20	21	* 24 ♀
26	T	St. Stephen	4	3 X 53	9 52	15	21	R	concludes
27	F	St. John. Ev.	5	16 3	11 2	15	22	22	with mode-
28	S	Innocents	6	28 28	morn	16	24	22	rate weather.
29	F	1 S. af. Chris	7	11 ♀ 13	0 14	17	25	21	
30	M		8	24 22	1 27	18	26	21	
31	T	Silvester	10	7 8 56	2 43	18	27	20	

Whatsoever passion you permit to reign,
 Will like Pandora's box oft bring you pain:
 Let reason rule then empress o'er the soul,
 And all exorb'ant appetites controul;
 For health's true elixir, if men wou'd find,
 Is virtuous labour, cheerfulness of mind.

M ☉ rises ☉ sets

D h m h m

OBSERVATIONS.

F	7	57	4	3	
2	7	58	4	2	storms, whether of wind, or of thunder
3	7	59	4	1	and lightening, for the lower air; I mean
4	8	0	4	0	not only the agitating the air, but chiefly
5	8	1	3	59	the purging and purifying of it, by spend-
6	8	2	3	58	ing and consuming such noxious steams and
7	8	3	3	57	exhalations, as otherwise might be pern-
F	8	3	3	57	cious to mankind, to the brute animals,
9	8	4	3	56	and to the other inhabitants thereof, if
10	8	5	3	55	such there be. I say, this seems to me at
11	8	5	3	55	least one of the uses of <i>thunder</i> and <i>lighten-</i>
12	8	6	3	54	<i>ing</i> , both here below, and there above;
13	8	6	3	54	without presuming to deny that there may
14	8	7	3	53	be other uses of the same, or that these, as
F	8	7	3	53	well as other <i>meteors</i> , may be farther in-
16	8	7	3	53	tended by Providence for purposes which
17	8	8	3	52	we have at present no certain means of dis-
18	8	8	3	52	covering.
19	8	8	3	52	
20	8	8	3	52	
21	8	8	3	52	
F	8	8	3	52	
23	8	8	3	52	
24	8	8	3	52	
25	8	7	3	53	
26	8	7	3	53	
27	8	7	3	53	
28	8	6	3	54	
F	8	6	3	54	
30	8	6	3	54	
31	8	5	3	55	

A TABLE shewing the Moon's Southing for Farmers and others that breed Cattle, but men and others that sail on the Waters.

IV D	Jan h m	Feb. h m	Mar. h m	April h m	May h m	June h m	M D
1	0 a 23	1 a 16	11 m 57	1 a 13	2 a 6	3 a 57	1
2	1 11	2 1	0 a 43	2 10	3 10	4 49	2
3	1 57	2 46	1 31	3 11	4 13	5 37	3
4	2 43	3 32	2 21	4 13	5 11	6 23	4
5	3 25	4 22	3 14	5 15	6 5	7 7	5
6	4 9	5 15	4 10	6 15	6 55	7 51	6
7	4 54	6 12	5 10	7 11	7 41	8 35	7
8	5 41	7 12	6 11	8 3	8 26	9 21	8
9	6 32	8 15	7 12	8 51	9 10	10 9	9
10	7 28	9 17	8 11	9 38	9 54	10 58	10
11	8 28	10 16	9 7	10 23	10 40	11 47	11
12	9 31	11 12	9 58	11 8	11 26	morn	12
13	10 36	morn	10 97	11 53	morn	0 37	13
14	11 38	0 3	11 34	morn	0 15	1 26	14
15	morn	0 52	morn	0 39	1 5	2 14	15
16	0 37	1 38	0 19	1 27	1 55	2 59	16
17	1 30	2 23	1 5	2 17	2 45	3 43	17
18	2 20	3 8	1 51	3 7	3 33	4 26	18
19	3 6	3 53	2 38	3 57	4 20	5 8	19
20	3 50	4 40	3 26	4 47	5 5	5 52	20
21	4 34	5 28	4 16	5 36	5 49	6 38	21
22	5 18	6 18	5 7	6 23	6 33	7 28	22
23	6 3	7 8	5 56	7 9	7 18	8 22	23
24	6 47	7 59	6 47	7 54	8 3	9 20	24
25	7 38	8 49	7 36	8 39	8 52	10 23	25
26	8 27	9 38	8 23	9 25	9 45	11 29	26
27	9 18	10 25	9 10	10 14	10 43	0 a 34	27
28	10 8	11 11	9 56	11 5	11 46	1 35	28
29	10 57		10 42	0 a 2	0 a 51	2 32	29
30	11 45		11 30	1 2	1 57	3 24	30
31	0 a 39		0 a 20		2 59		31

all the Months of the Year, very necessary for all especially and more worthy of Notice to Sea-

M D	July h m	August h m	Sept. h m	Oct. h m	Nov. h m	Dec. h m	M D
1	4 a 12	5 a 6	6 a 22	6 a 51	7 a 49	7 a 47	1
2	4 58	5 54	7 12	7 38	8 32	8 35	2
3	5 43	6 43	8 1	8 24	9 17	9 27	3
4	6 28	7 32	8 49	9 9	10 5	10 23	4
5	7 13	8 22	9 36	9 52	10 55	11 24	5
6	8 0	9 12	10 21	10 37	11 50	morn	6
7	8 49	10 1	11 6	11 24	morn	0 28	7
8	9 38	10 49	11 50	morn	0 51	1 32	8
9	10 28	11 34	morn	0 13	1 52	2 34	9
10	11 18	morn	0 35	1 5	2 55	3 31	10
11	morn	0 19	1 21	2 1	3 56	4 24	11
12	0 6	1 2	2 10	3 0	4 54	5 14	12
13	0 52	1 46	3 3	4 1	5 48	6 1	13
14	1 37	2 30	3 58	5 2	6 38	6 47	14
15	2 20	3 16	4 57	6 1	7 26	7 32	15
16	3 2	4 5	5 58	6 57	8 12	8 18	16
17	3 45	4 58	6 59	7 50	8 58	9 6	17
18	4 30	5 54	7 58	8 40	9 44	9 55	18
19	5 16	6 55	8 54	9 28	10 31	10 45	19
20	6 7	7 57	9 47	10 15	11 20	11 35	20
21	7 2	8 59	10 30	11 2	0 a 10	0 a 24	21
22	8 2	9 59	11 26	11 49	1 1	1 12	22
23	9 5	10 56	0 a 14	0 a 38	1 51	1 58	23
24	10 10	11 49	1 2	1 29	2 40	2 41	24
25	11 13	0 a 39	1 51	2 20	3 28	3 23	25
26	0 a 12	1 28	2 41	3 11	4 13	4 4	26
27	1 7	2 15	3 31	4 1	4 56	4 46	27
28	1 58	3 3	4 22	4 50	5 38	5 28	28
29	2 47	3 51	5 13	5 37	6 20	6 12	29
30	3 34	4 41	6 3	6 22	7 3	7 0	30
31	4 20	5 31		7 6		7 52	31

Subtract H M		The Names of PORTS.	Add H M	
			H	M
12	24	North } Queenborough, Portsmouth, Southampton, Isle of Wight, Spits, Dunkirk, Canada, and Kentish Knock.	0	0
N by E	38	} Rochester, Maiden, Aberdeen, and at Red-band.	S by W	46
11	51	NNE } Gravesend, Downs, Romney, Scilly, Thanet, N. Cape, before Coquet, and betwixt Calais and Dover.	SSW	33
10	5	NE by N } London, St. Andrew's, St. Lucas, Dundee, Bell-Isle, Holy-Isle, and Lisbon.	SW by S	19
9	19	NE } Hartlepool, Tinmouth, White-bay, Amsterdam, Gascoign, and upon the West of Ireland	SW	6
NE by E	32	} Berwick, Bridlington-bay, Flamborough, Bourdeaux, Rochel, and at Ushant.	SW by W	52
8	45	ENE } Scarborough, Severn, Mounts-bay, and at Kinfale, and Humber.	WSW	39
7	59	E by N } Newcastle, Severn-mouth, Falmouth, Ramfey, Dartmouth, Lizard, and Guernsey.	W by S	25
6	12	East } Plymouth, Antwerp, Lynn, Hull, St. David's, Holm, St. Peter's, Fofdike, and Cross-Keys Washes.	West	12
E by S	26	} Weymouth, Bristol, Lime, Foulness at the Start, Boston, Lanton, Sedmouth, and at St. Nicholas.	W by N	53
5	40	ESE } Milford, Bridgewater, Lands-end, Portland, Watterford, and Limington	WNW	45
4	53	SE by E } Hague, Peterport, Dublin, Harflew, St. Magnus, Sound, Cambay, and without the Caskets.	NW by W	31
3	7	SE } Pool, St. Helen's, Orkney, Catness, and the Isle of Man.	NW	18
SE by S	20	} Needles, Layflow, and both the North and South Forelands.	NW by N	4
2	33	SE } Yarmouth, Dover, Calais-Road, Harwich, Cowes, Coasts of Normandy and Picardy.	NNW	51
1	47	S by E } Rye, Thames, Rhodes, Winchelsea, Sole-bay, Goore, and Margaret-Road.	N by W	37
0			11	

Note, From 2 Hours before High-Water to 3 Hours after at Fofdike, and from 3 Hours before to 3 and a half after at Cross-Keys, it is very dangerous riding the Washes.

In order to understand the Use of this Tide Table, observe the following Example.

January 23. The Moon is South 47 min. past 6 in the Morning; and by the Table it appears, that at *London, St. Andrew's, St. Lucas, Dundee, &c.* the Moon at NE by N, and SW by S, makes High-Water, viz. 10h. 5m. before her Southing, and 2h. 19m. after: Consequently at these Places the first High-water is 42 min. past 8 the Night foregoing, and the other 6 min. past 7 that mornin

A TABLE of the Rising, Southing, and Setting of the
PLEIADES, or SEVEN STARS, for every 5th Day in the
Year; of excellent Use to find the Hour of the Night.

Month & Days.	Rise h m	South h m	Sets h m	Month & Days.	Rise h m	South h m	Sets h m
January { 1 0 a 28 6 0 6 11 11 m 44 16 11 23 21 10 52 26 10 40	8 a 44 8 22 8 0 7 37 7 18 6 56	5 m 2 4 38 4 16 3 55 3 34 3 12	July { 1 0 m 38 6 0 18 11 11 a 57 16 11 37 21 11 17 26 10 57	8 m 54 8 34 8 13 7 53 7 37 7 13	5 a 10 4 50 4 29 4 9 3 49 3 29		
February { 1 10 17 6 9 56 11 9 36 16 9 17 21 8 58 26 8 39	6 33 6 12 5 52 5 33 5 14 4 55	2 49 2 38 2 18 1 49 1 30 1 11	August { 1 10 33 6 10 14 11 9 55 16 9 36 21 9 17 26 8 59	6 49 6 30 6 11 5 52 5 33 5 15	3 5 2 46 2 27 2 8 1 49 1 31		
March { 1 8 28 6 8 10 11 7 52 16 7 33 21 7 15 26 6 57	4 44 4 26 4 8 3 49 3 31 3 13	1 0 0 42 0 24 0 5 11 a 47 11 29	September { 1 8 37 6 8 19 11 8 1 16 7 43 21 7 26 26 7 8	4 53 4 35 4 17 3 59 3 42 3 24	1 9 0 51 0 33 0 5 11 m 58 11 40		
April { 1 6 35 6 6 17 11 5 58 16 5 40 21 5 21 26 5 2	2 51 2 33 2 14 1 56 1 37 1 18	11 7 10 49 10 30 10 2 9 53 9 34	October { 1 6 50 6 6 32 11 6 13 16 5 54 21 5 36 26 5 15	3 6 2 48 2 29 2 10 1 52 1 31	11 22 11 4 10 45 10 26 10 8 9 47		
May { 1 4 43 6 4 24 11 4 5 16 3 45 21 3 28 26 3 56	0 59 0 40 0 21 0 1 11 m 42 11 22	9 15 8 56 8 37 8 17 7 58 7 38	November { 1 4 54 6 4 34 11 4 14 16 3 53 21 3 28 26 3 7	1 10 0 50 0 30 0 9 11 a 44 11 23	9 26 9 6 8 46 8 25 8 0 7 39		
June { 1 2 41 6 2 22 11 2 1 16 1 43 21 1 10 26 0 59	10 57 10 37 10 17 9 58 9 38 9 15	7 13 6 53 6 33 6 14 5 51 5 31	December { 1 2 46 6 2 24 11 2 2 16 1 40 21 1 18 26 0 56	11 2 10 40 10 18 9 56 9 34 9 12	7 18 6 56 6 34 6 12 5 50 5 29		

The common Notes for this Year.

The Golden Number - - - 1	Shrove-Sunday - - Feb. 24
The Epact - - - - - 0	Ash Wednesday - - Feb. 27
The Cycle of the Sun - - - 22	Easter-Day - - April 14
Dominical Letter - - - F	Whit-Sunday - - June 2
Roman Indiction - - - 8	Advent-Sunday - - Dec. 1
Septuagesima Sunday Feb. 10	Sundays after Trinity - - 24

The 12 Signs.

The 7 Planets, and the Aspects.

♈ Aries

☉ Sun

♉ Taurus

☾ Moon

♊ Gemini

♄ Saturn

♋ Cancer

♃ Jupiter

♌ Leo

♂ Mars

♍ Virgo

♀ Venus

♎ Libra

☿ Mercury

♏ Scorpio

♌ Conjunction

♐ Sagittarius

* Sextile

♑ Capricorn

□ Square

♒ Aquarius

△ Trine

♓ Pisces

♌ Opposition

The four Quarters of the Year.

		d	h	m	
Spring Quarter begins - - -	March	21	0	7	Morn.
Summer Quarter begins - - -	June	21	10	49	Aftern.
Autumn Quarter begins - - -	Sept.	23	0	36	Aftern.
Winter Quarter begins - - -	Dec.	22	5	14	Morn.

Venus will be a Morning Star till May 27, and then an Evening Star for the rest of the Year.

Jupiter will be a Morning Star till May 22; then an Evening Star till Dec. 9; and then a Morning Star for the rest of the Year.

KINGS and QUEENS.

31

A TABLE of the **KINGS** and **QUEENS** of England, from the
CONQUEST to the present Year 1805.

<i>Names of Kings.</i>	<i>Born Ann.</i>	<i>When Began to reign</i>	<i>Reign Y. M.</i>	<i>Since their Reign ended</i>	<i>Buried at</i>
William 1	1029	1066, Oct. 14	20 11	718, Septem. 9	Caen, Normand.
William 2	1057	1087, Sept. 9	12 11	705, August 2	Winchester
Henry 1	1068	1100, Aug. 2	35 4	670, Decem. 1	Reading
Stephen	1105	1135, Dec. 1	18 11	651, Octob. 25	Feverham
The Saxon Line Restored.					
Henry 2	1133	1154, Oct. 25	34 8	616, July 6	Fontevr.
Richard 1	1156	1189, July 6	9 9	606, April 6	Fontevr.
John	1165	1199, April 6	17 6	589, Octob. 19	Worcester
Henry 3	1207	1216, Oct. 19	56 1	533, Nov. 16	Westminster
Edward 1	1239	1272, Nov. 16	34 8	498, July 7	Westminster
Edward 2	1284	1307, July 7	19 7	478, Jan. 25	Gloucester
Edward 3	1312	1327, Jan. 25	50 5	428, June 21	Westminster
Richard 2	1366	1377, June 21	22 3	406, Sept. 29	Westminster
The Line of Lancaster.					
Henry 4	1367	1399, Sept. 29	13 6	392, March 20	Canterbury
Henry 5	1389	1413, Mar. 20	9 5	383, August 31	Westminster
Henry 6	1421	1422, Aug. 31	38 6	344, March 4	Windfor
The Line of York.					
Edward 4	1442	1461, Mar. 4	12 1	322, April 9	Windfor
Edward 5	1473	1483, April 1	0 2	322, June 22	Unknown
Richard 3	1481	1483, June 2	2 2	300, August 22	Gloucester
The Families United.					
Henry 7	1456	1485, Aug. 22	23 8	296, April 22	Westminster
Henry 8	1492	1509, April 22	37 9	258, Jan. 28	Windfor
Edward 6	1537	1547, Jan. 28	6 5	252, July 6	Westminster
Qu. Mary	1516	1553, July 6	5 4	247, Nov. 17	Westminster
Qu. Eliz.	1522	1558, Nov. 17	44 4	202, March 24	Westminster
The Union of the Two Crowns.					
James 1	1566	1603, Mar. 24	22 0	180, March 27	Westminster
Charles 1	1600	1625, Mar. 27	23 10	156, Jan. 30	Windfor
Charles 2	1630	1649, Jan. 30	36 0	120, Feb. 6	Westminster
James 2	1633	1685, Feb. 6	4 0	116, Feb. 13	St. Germain
Will. & Mary	1650	1689, Feb. 13	13 1	103, March 8	Westminster
The Union of the Two Kingdoms.					
Qu. Anne	1665	1702, Mar. 8	12 5	91, August 1	Westminster
George 1	1660	1714, Aug. 1	12 10	78, June 11	Hanover
George 2	1683	1727, June 11	33 4	45, Oct. 25	Westminster
George 3	1738	1760, Oct. 25		Crowned Sept. 22, 1761.	

BIRTH-DAYS of the ROYAL FAMILY.

KING GEORGE III. -	4 June, 1738	Duke of Suffex - - -	27 Jan. 1773
Q. CHARLOTTE - -	19 May, 1744	Duke of Cambridge -	24 Feb. 1774
Prince of Wales -	12 Aug. 1762	Princess May - - -	25 Apr. 1776
Duke of York - -	16 Aug. 1763	Princess Sophia - -	3 Nov. 1777
Duke of Clarence -	21 Aug. 1765	Princess Amelia - -	7 Aug. 1783
Ds. of Wirtemberg -	29 Sept. 1766	Ds. of Brunswick - -	11 Aug. 1737
Duke of Kent - -	2 Nov. 1767	Duke of Gloucester -	25 Nov. 1743
Prs. Augusta Sophia -	8 Nov. 1768	Princess of Wales - -	17 May, 1768
Prs. Elizabeth - - -	22 May, 1770	Duchess of York - -	7 May, 1767
Duke of Cumberland	5 June, 1771	Prs. Charlotte of Wales	7 Jan. 1796

SOVEREIGNS of EUROPE, their Accession, &c.

Kingdoms, &c.	To whom subject.	When born.	Began to reign.
England, &c. - - -	GEORGE III. - -	June 4, 1738	Oct. 25, 1760
France - - - - -	Napoleon - - -	Aug. 15, 1769	Dec. 15, 1799
Russia - - - - -	Alexander - - -	Dec. 23, 1777	Mar. 24, 1801
Spain - - - - -	Charles IV. - -	Nov. 11, 1748	Dec. 17, 1788
Portugal - - - -	Peter and Mary -	Dec. 7, 1734	Feb. 24, 1777
Prussia - - - - -	Frederic Wm. III.	Aug. 6, 1770	Nov. 16, 1797
Denmark & Norway	Christian VII. -	Jan. 29, 1749	Jan. 14, 1766
Sweden - - - - -	Gustavus IV. - -	Nov. 1, 1778	Mar. 29, 1792
Germany - - - - -	Francis II. - - -	Feb. 12, 1767	Mar. 1, 1792
Papedom - - - - -	Pius VII. - - -	Aug. 11, 1742	Mar. 14, 1800
Sardinia - - - - -	Victor Emanuel	- - - - -	June 4, 1802
Ottoman Empire -	Selim III. - - -	July 17, 1761	April 7, 1789

The FULL WEIGHT of the Coins, with the LEAST WEIGHT allowed to pass of the Gold Coin.

Wt. allowed.		Full Wt.	Full Wt.	
GOLD	dwt. gr.	dwt. gr.	SILVER	dwt. gr.
Guinea - - -	5 8	5 9 $\frac{3}{8}$	A Crown - - -	19 8 $\frac{1}{16}$
Half Guinea -	2 16	2 16 $\frac{6}{8}$	Half Crown - -	9 16 $\frac{8}{16}$
Seven Shillings	1 19	1 19 $\frac{1}{8}$	Shilling - - -	3 20 $\frac{8}{16}$
			Six Pence - - -	1 22 $\frac{1}{3}$

According to the above proportions it appears, that the Value of a *lb.* of Silver is 62s. or 3l. 2s. and of a *lb.* of Gold is 14 $\frac{1}{2}$ Guineas, or 46l. 14s. 6d. Also that the *oz.* of Silver is 5s. 2d. and the *oz.* of Gold 3l. 17s. 10 $\frac{1}{2}$ d. So that the value of the standard Gold is 15 times that of the Silver, and 1-14th more.

A CATALOGUE of the Most Reverend, Right Reverend, and Reverend, the Archbishops, Bishops and Deans, exercising Ecclesiastical Jurisdiction in England, 1803.

<i>Archbishops.</i>	<i>Deans' Names.</i>	<i>Names of the Sees.</i>
Dr. John Moore	Dr. Thomas Powys	Canterbury
Dr. Wm. Markham	Dr. Geo. Markham	York
<i>Bishops.</i>		
Dr. Beilby Porteus	Bp. of Lincoln	London
Hon. Shute Barrington	Bp. of Litchfield & Cov.	Durham
Hon. Dr. Brownl. North	Dr. Newton Ogle	Winchester
Dr. F. H. Cornwall	Dr. Nat. Wetherell	Hereford
Dr. Richard Hurd	Dr. Arthur Onslow	Worcester
Hon. Dr. Ja. Yorke	Dr. William Pearce	Ely
Hon. Dr. Ja. Cornwallis	Dr. Baptist Proby	Litchfield and Coventry
Dr. Richard Watson	Mr. Sam. Gale, <i>Præc.</i>	Llandaff
Dr. George Pretyman	Sir Richard Kaye, Bart.	Lincoln
Dr. John Douglas	Dr. John Ekins	Salisbury
Dr. William Cleaver	Mr. J. Warren	Bangor
Dr. Sam. Horsley	Mr. W. D. Shipley	St. Asaph
Dr. Rd. Beadon	Dr. George Wm. Lukin	Bath and Wells
Hon. Dr. E. Ven. Vernon	Dr. Isaac Milner	Carlisle
Hon. Dr. C. Manners Sutton	Dr. Joseph Turner	Norwich
Dr. Spencer Madan	Dr. Thomas Kipling	Peterborough
Dr. John Fisher	Mr. Talbot	Exeter
Hon. Dr. G. Pelham	Dr. Sparke	Bristol
Dr. John Buckner	Mr. Combe Mil ar	Chichester
Dr. John Randolph	Dr. Cyril Jackson	Oxford
Dr. Henry Wm. Majendie	Dr. George Cotton	Chester
Dr. Thomas Burgess	Mr. F. Wollaston, <i>Præc.</i>	St. David's
	Dr. Wm. Vincent	Westminster
	Bp. of Norwich	Windfor
Dr. G. J. Huntingford	Dr. John Luxmore	Gloucester
Dr. Thomas Dampier	Dr. Goodenough	Rocheſter
Dr. Claud Crigan		Sodor and Man

The Names of the Learned Judges in the Law.

Right Hon. John Lord Eldon,	Lord High Chancellor of Great Britain.
Right Hon. Sir W. Grant, Knt.	Master of the Rolls.
Hon. Spencer Percival,	Attorney General.
Sir Tho. Manners Sutton,	Solicitor General.
II. In the K. Bench. {	Rt. Hon. L. Ellenborough, L. C. J. Sir Souldén Lawrence, Knt.
	Sir N. Grose, Knt. Sir Simon Le Blanc, Knt.
III. In the Co. Pleas. {	Sir James Mansfield, Knt. L. C. J. Sir Giles Rooke, Knt.
	John Heath, Esq; Sir Alan Chambre, Knt.
IV. In the Exchequer. {	Sir A. McDonald, Knt. L. C. B. Sir Alex. Thompson, Knt.
	Sir Beau. Hotham, Knt. Sir Robert Graham, Knt.

A TABLE OF TERMS AND THEIR RETURNS.

Hilary Term begins January 23, ends February 12.

Returns or Effoign Days		—	E	R	A	W.D.
In eight Days of St. Hilary	—	Jan. 20	21	22	23	Wedn.
In 15 Days of St. Hilary	—	—	27	28	29	30 Wedn.
On the Mor. of the Purificat. of B.V.M.	Feb. 3	4	5	6	Wedn.	
In eight Days of the Purificat. of B.V.M.	—	9	10	11	12	Tuesf.

Easter Term begins May 1, ends May 27.

In 15 Days after Easter	—	April 28	29	30	MI	Wedn.
From Easter in 3 Weeks	—	May 5	6	7	8	Wedn.
From Easter in 1 Month	—	—	12	13	14	15 Wedn.
From Easter in 5 Weeks	—	—	19	20	21	22 Wedn.
On the Morrow of the Ascension-Day	—	24	25	26	27	Mond.

Trinity Term begins June 14, ends July 3.

On the Morrow of the Holy Trinity	June	10	11	12	14	Frid.
In eight Days of the Holy Trinity	—	16	17	18	19	Wed.
In 15 Days of the Holy Trinity	—	23	24	25	26	Wed.
From the Day of Holy Trinity in 3 Weeks		30	1	2	3	Wed.

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the Morrow of all Souls	—	Nov. 3	4	5	6	Wed.
On the Morrow of St. Martin	—	—	12	13	14	15 Frid.
In eight Days of St. Martin	—	—	18	19	20	21 Thursf.
In 15 Days of St. Martin	—	—	25	26	27	28 Thursf.

N. B. No Sittings in Westminster-Hall on Ascension-Day, Midsummer-Day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, The first and last Days of every Term are the Days of Appearance.

LIST OF STAMPS.

NOTES AFTER DATE.

	2l. and under		5l. 5s. One Shilling.
Above	5l. 5s. ditto	-	30l. One and Sixpence.
—	30l. ditto	-	50l. Two Shillings.
—	50l. ditto	-	100l. Three Shillings.
—	100l. ditto	-	200l. Four Shillings.
—	200l. ditto	-	500l. Five Shillings.
—	500l. ditto	-	1000l. Seven and Sixpence.
—	1000l. ditto	-	Ten Shillings.

N. B.—Notes on demand not exceeding 5l. 5s. Eightpence.

But all higher sums require the same stamps as those after date.

NEW RECEIPT TAX.

	2l. and under	-	10l. Twopence.
	10l. ditto	-	20l. Fourpence.
	20l. ditto	-	50l. Eightpence.
	50l. ditto	-	100l. One Shilling.
	100l. ditto	-	200l. Two Shillings.
	200l. ditto	-	500l. Three Shillings.
	500l. and upward	-	Five Shillings.
	Receipts in full, for any sum	-	Five Shillings.

The duties to be paid by persons receiving the money, except on debts payable to his Majesty, or to any persons for his use.

BONDS.

Bonds given as security for payment of money, if not above 100l. One Pound.

Above	100l. and under	300l. One Pound Ten Shillings.
—	300l. ditto	500l. Two Pounds.
—	500l. ditto	1000l. Three Pounds.
—	1000l. ditto	2000l. Four Pounds.
—	2000l. ditto	3000l. Five Pounds.
—	3000l. ditto	4000l. Six Pounds.
—	4000l. ditto	5000l. Seven Pounds.
—	5000l. ditto	10,000l. Nine Pounds.
—	10,000l. ditto	15,000l. Twelve Pounds.
—	15,000l. ditto	20,000l. Fifteen Pounds.
—	20,000l. and upward	Twenty Pounds.

Speculum Anni :

OR,

SEASON ON THE SEASONS.

For the YEAR of our LORD, 1805.

.....

THE SECOND PART.

.....

Containing variety of matter in prose and verse, part necessary to complete a performance of this kind, part collected or composed by the author, for the instruction and improvement of British youth, or of those who, in the humble vale of life, have souls superior to the opportunities given them, to improve in the various branches of science; and concluding with the kind contributions of his learned and ingenious correspondents, to whom he once more returns his sincere thanks for their favours and generous assistance in a work designed at least

- “ To raise the soul by tender strokes of art,
- “ To wake the genius, and to mend the heart;
- “ To make mankind in Nature’s study bold;—
- “ Look o’er each scene, and mark what they behold.”

Of the ECLIPSES of this present Year 1805.

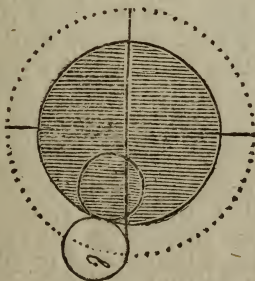
IN general, Six Eclipses are the greatest number that can happen in any one year, and not less than two; but, in this year, there are Seven Eclipses, a circumstance I never knew before, and may not happen again for a great number of years. The Eclipses of this Year, as I said before, are

Seven

Seven, viz. Five of the *Sun* and Two of the *Moon*; they happen in the following order.

The first is a very small Eclipse of the *Sun*, on *Tuesday*, the 1st of *January*, being *New-year's day*, at one o'clock in the morning, with respect to the meridian of *London*, and therefore invisible to us. It will only be visible in the unknown southern parts of the globe.

The second is a total Eclipse of the *Moon*, with continuance, on *Tuesday*, the 15th of *January*, in the morning; but the beginning thereof will only be visible to us, and the western parts of *Europe*, and of *Africa*. The *Moon* will set totally eclipsed at *London*, and parts adjacent, at 52 minutes past 7 o'clock. In *North America* this Eclipse will be seen from the beginning to the end, and may, I presume, be called an *American Eclipse*; but it will not be all visible in *South America*, for to the eastern parts thereof, the *Moon* will set before the end of the Eclipse. At the end of this Eclipse, I find the *Moon* will be vertical a little to the East of the *Sandwich Islands*, in latitude 21 degrees North, and in longitude 153 degrees West from *London*; hence this Eclipse will be visible to all the *Society* and *Friendly Islands* in the Great South Sea. The end also will be visible at the *New Hebrides*, *New Caledonia*, *New Zea'land*, and all along the eastern coast of *New South Wales*. The end likewise will be seen in the eastern parts of *Asia*. In this kingdom, the time and manner of appearance may be expected as follows:



Eclipse begins at B, and Moon sets tota', as at M.

Eclipse

	London.		Oxford		Lainburg.		
	h.	m.	h.	m.	h.	m.	
Eclipse begins	6	42	6	37	6	29	
T. dark. begins	7	40	7	35	7	27	app. Time.
Moon sets .	7	52					Morn.
Middle . .	8	29	8	24	8	16	
T. dark. ends	9	19	9	14	9	6	
Eclipse ends .	10	17	10	12	10	4	

Digits eclipsed 20 deg. 52 min. at middle.

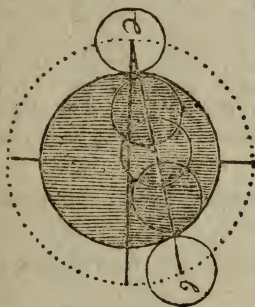
The third is a Solar Eclipse, on *Wednesday*, the 30th day of *January*, at about our 7 at night therefore invisible to us. The Moon, at this time, having great North latitude, it will not be much of an Eclipse any where.

The fourth Eclipse is another of the *Sun*, on *Wednesday*, the 26th day of *June*, at 13 minutes past 11 o'clock at night, therefore invisible to us. The Moon has great North latitude at this time also, therefore it will be but a small Eclipse towards the North pole.

The fifth of these Eclipses is rather a total one of the *Moon*, and happens on *Thursday*, the 11th of *July*, in the evening, and visible here in part only, should the air prove clear, for the *Moon* will rise eclipsed. The *Moon*, at the beginning of this Eclipse, will be vertical in 22 degrees of South latitude, and in 73 degrees East longitude from *London*, which place falls in the Eastern Ocean, between the Island of *Madagascar* and that of *New Holland*, near one of Captain *Cooke's* tracts round the world. Hence, in the eastern parts of the globe, this Eclipse will be visible from the beginning to the end, namely, to most of the western of the *East Indian* Island, also on the western coasts of *New Holland*, and quite throughout the empire of the Great *Mogul*, in *China*, and the Island of *Borneo*. At the middle of this Eclipse, the *Moon* will be vertical in latitude 21 deg. 52 min. South, under 45 deg. 11 min. of East longitude from *London*, which place I find falls on the globe, upon the South extremity of the Island of *Madagascar*; and at the end of the Eclipse, the *Moon* will be vertical directly over *Mataman*, in 21 deg. and 40 min. South latitude, and 17 deg. 21 min. longitude East from *London*. *Mataman* is a desert country of *Africa*, and is bounded on the North by *Benguela*.

Benguela, on the East by parts unknown, and on the South by the country of the *Hottentots*, and the West is bounded by the *Atlantic Ocean*. The *Moon* rises eclipsed on the eastern Coasts of *South America*.

The Type for LONDON.



	<i>London.</i>		<i>York.</i>		<i>Edinburg.</i>		
	h.	m.	h.	m.	h.	m.	
Eclipse begins	7	4	6	59	6	50	Even. app. Time.
Total dark. beg.	8	14	8	9	8	0	
Middle . . .	8	59	8	54	8	45	
Total dark. ends	9	44	9	39	9	30	
Eclipse ends	10	54	10	49	10	40	

Digits eclipsed 16 deg. 26 min. at middle.

Duration of total darkness 1h. 30m.

Moon rises at *London* 8h. 3m. as at *b*.

The Moon at the end as at *e*, and *M* the Moon at the middle.

The Sixth is a small Eclipse of the *Sun*, and happens on *Friday*, the 26th day of *July*, at 26 min. past our 6 o'clock in the morning, but the *Moon* having at that time great South latitude, this Eclipse will not be visible to us, nor to any part of *Europe*. It will be visible in the Great South Sea, or unknown Southern Continent.

The Seventh, and last of these Eclipses, is also another invisible

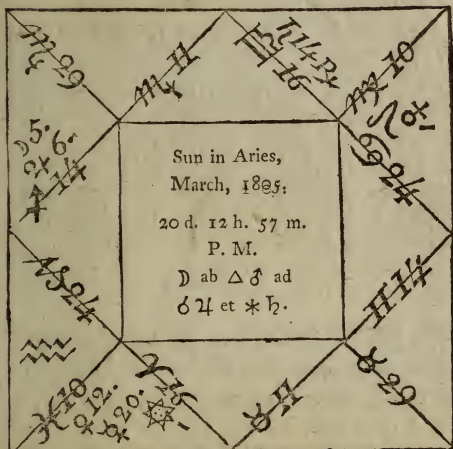
visible Eclipse of the *Sun*, on *Friday*, the 20th day of *December*, about our 12 o'clock at night. This Eclipse will be central and annular at noonday, in 85 deg. and a half South latitude, and in longitude 177 deg. and a half East from *London*.

N.B.—The weather was very unfavourable for the Sun's Eclipse the 11th of February last year, but I find Mr. *Andrews*, at *Royston*, had the good fortune to observe with his telescope the beginning thereof, which was at 24 min. 30 sec. past 10 o'clock app. time, and, he says, he only afterwards could see it at intervals between the clouds. By what he and others saw of it, it exactly agreed with his delineation and type of it, given in *Francis Moore's Almanack*, printed for the Company of Stationers of *London*, for no other are genuine.

Judicium Astrologicum pro Anno Redemptionis, 1805.

The SPRING QUARTER, or the SUN's INGRESS into
ARIES.

THIS Quarter commences on *Wednesday*, the 20th day of *March*, at 57 min. past 12 at night, or 3 min. before one o'clock on the morning of the 21st of *March*, at which time the positions of the planets are as exhibited in the following scheme. When 14 deg. of ♈ ascends in the East, and 16 deg. of ♎ are on the Meridian—The ♄ ab Δ ♂ ad ♋ ♀, et ♁ ♋, and for the other planetary configurations see the figure itself.

Schema cæli ingressu Solis in Ariete.

In this Vernal Ingress we observe some good positions of the Planets; the ♄ of the ♃ and ♄ are conspicuous on the cusp of the ascendant; ♄ is in his own house, strong and potent—and in a Δ to ♂ in the 9th, the patron of *England*, which are, with others, configurations and mixture of rays, worthy of remark, and are of eminent signification to *Great-Britain*, and denotes that the people of this country will, in general, as heretofore, come forward, with their usual zeal and courage, if necessary, to oppose the schemes and machinations of our most implacable enemies, therefore it is not the ambitious new made Emperor of *France*, with all his armies, nor yet any other foreign power, that can affrighten *Britons*, united in the defence of their *King and Country*, for the *English* are no strangers to the actions of war, having been many years accustomed thereunto, and gained honour and victory thereby, and therefore will not be curbed, checked, or baffled by any neighbouring nation whatsoever, nor will they suffer laws to be imposed upon them contrary to their native

native humours and customs, but resolve to perform all their actions with the greatest courage and honour. Very great matters are now in agitation, and most of *Europe* seem to be concerned, one way or other, in the transactions of these wonderful times.

Now is the time the foldier must prepare
 His arms, once more to try th' event of war.
 The valiant volunteer, urg'd by Fame,
 The British Hero, inspired with martial flame,
 Tries to conclude the war this one campaign,
 Dispatch will soonest give the patient ease,
 But ling'ring war is like a long disease.

The SUN's ENTRANCE into the tropical Sign CANCER,
 which introduces the SUMMER QUARTER.

THIS Quarter begins on *Friday*, the 21st day of *June*, at 49 min. past 10 at night, when 13 deg. of ♄ culminates, and 19 deg. of ♊ ascends; the ☿ is in the 2d in 8 to ♄. and that from cardinal signs: the planet ♄ is also hastening to a ♄ of ♄ in ♌, which with other configurations considered, makes this a very active and busy Quarter also; and great rumours there will be of approaching catastrophes and troubles in some foreign countries. *France, Holland, Spain, Austria*, and some others, are principally hinted at, and, I dare venture to say, that this will be a very remarkable year, for producing many strange and great transactions and disorders, in some way or other, and that in several parts of the world. The ♄ of the two malevolent planets, ♄ and ♄, in *August*, is but an ill meeting to those places under ♌, and its opposite sign; I hope its effects may fall remote from us, but, alas! the sign ♌ is *England's* ascendant, so that I fear all our troubles are not yet at an end, for methinks I behold great confusion and disorder taking place in many parts of the Continent of *Europe*, with wars and tribulations, &c. This ♄ will also affect mankind in his health and constitution, stirring up preternatural ferments in the blood, threatening death by putrid fevers and the like.

The SUN's ENTRANCE into LIBRA, which introduces the
AUTUMNAL QUARTER.

THIS Quarter begins when the *Sun* enters the equinoctial sign *Libra*, making days and nights equal, which this year happens on *Monday*, the 23d day of *September*, at 36 minutes past 12 o'clock at noon, at which time 10 deg. \cap culminates, and the 10th deg. of \uparrow is on the eastern angle. At the time of this ingress all the planets are above the earth, ♂ and ♀ in the 10th house, ♂ strong in the 11th, and the \odot ♂ and ♀ are posited in the 9th, and ♂ strong on the cusp of the ascendant. These configurations, with the lunar applications (♂ ab \odot et \ast ♂ ♂ in \cap) shew that *Great-Britain* is well prepared, and still upon her guard, let the enemies threats be what they may, for there are a race of men in the world, who will bear no restraint or controul, though they be promoting the most unjust and illegal attempts; but the time is approaching, when the power of the motly leopard, the dragon, and such like beasts of cruelty, will no longer prevail.

Let haughty *France* cringe to their *Em*——'s lust,
Let their poor subjects crawl and lick the dust;
The mighty Genius of this Isle disdains
Ambition, slavery, and golden chains;
Roman, nor *Norman*, never could pretend,
For to enslave, but make this Isle their friend.

The SUN's ENTRANCE into CAPRICORN, which intro-
duces the WINTER QUARTER.

THE Quarter begins when the *Sun* first touches the Southern Tropic, which this year falls on *Friday*, the 21st day of *December*, at 27 minutes past 11 at night. I greatly fear the gates of the temple of *Janus* will not be shut this year; but, however, towards the end of this year, the minds of men, I hope, will become more mild and calm, and, perhaps, some overtures may be made for a reconciliation of differences and bringing about a peace, which, perhaps, the *sextile* of ♂
and

and $\frac{1}{2}$, in 1806, now at hand, will, in some measure, promote. I wish it success for the good of all mankind in general.

ANSWERS to the ENIGMAS, CHARADES, REBUSES, &c.
in our last.

<i>Enigma</i> 1. A Sheepfold.	<i>Rebus</i> 1. An Ewe.
Do. 2. A Corn Screen.	Do. 2. Leyland.
Do. 3. A Dog.	Do. 3. Miss Quaver.
Do. 4. Wisdom.	<i>Charade</i> 1. Hair-Bells.
Do. 5. A Mushroom.	Do. 2. An Hour-Glass.
<i>Charade</i> 3. Cambridge.	

A GENERAL ANSWER to the ENIGMAS, &c. by Mr.
David Lewis, Belmond, near Knarfsboro', Yorkshire.

The INVITATION.

YE who love the Muses are welcome all here,
To partake of a feast which will last all the year;
This mental repast, is the food of the mind,
Where the lovers of *Wisdom* a banquet will find; *Enig. 4.*
The table's but small, but that is no reason,
Why it should not please you, since all is in season.
The best of all bev'ridge in *Miss Quaver's* account, *Reb. 3.*
Are fine *glassy* streams from the Helicon fount; [*hour*] *Ch. 2.*
Each friend is at freedom to send what they wish;
For Andrews arranges each delicate dish.
Our *Shepherd* to come pens his *Ewes* in his *feld*, *R. 1. E. 1.*
At *Leyland* and *Cambridge* his fame will be told; *R. 2. C. 3.*
Kemp, Waring, and Coles, will for certain attend;
Smith, Boyer, and Hardy, with ev'ry warm friend.
The ladies—O pardon! ye sweet lovely fair,
Who ought the precedence in mention to share;
Come damsels, with *pendants*—I know ye're not fickle, *C. 1. b. b.*
Here's a *Sieve* of fine fruit, and here's *Mushrooms* in pickle: *E. 2.*
[and 5.]

I've sworn for to serve you, what e'er some may think,
 To my last drop of blood, and my last drop of ink;
 Not a *Dog* to his master, more kind is and true, *Enig. 3.*
 Than in Season, dear ladies, D. L. is to you.

The First Query answered by Mr. D. Lewis.

THE descendants of *Seth* were the followers of the true God, and might be called *sons of God*; while the posterity of *Cain*, like their patriarch, followed after their own inclinations and wicked devices, from whence their distinguishing appellation *children of men*; in process of time vice abounding and discipline relaxing, intermarriages or contracts took place between the two tribes, which the sacred historian records in the passage alluded to.

* * The author, HENRY SEASON, humbly thanks all his Contributors, and begs leave to inform them, that he shall dispense with their future favours, as he does not mean to trouble himself with inserting any more *riddles*, &c. in his Almanack, but means to fill it up with other (and, he hopes) more interesting matter.—The above was all the communications received, or come to hand.

SOME good RULES for foretelling the Alteration of the Weather, by the BAROMETER or WEATHER-GLASS, for the use of the *Farmer*, *Grazier*, and others, that may have got a good one, as bad ones have only got the name of a Weather-glass, therefore of no use. The Rules were drawn up by Mr. Andrews, of *Royston*, many years ago and have answered beyond any others hitherto published.

Advertisement concerning the Barometer, communicated by Mr. Andrews, who sells the best WEATHER GLASSES.

1. THE rising of the *Mercury* generally presages fair weather, and its falling foul.

2. A swift falling of the *Mercury* is a certain forerunner of wind or thunder; but if it descend slowly, it shews rain or snow to be approaching.

3. No

3. No certain space of time can be assigned betwixt the presage of the Barometer and the change of weather thereby signified; but there rarely happens any material alterations, that is not foretold by the *Mercury*, at least twelve hours before hand, except in the case of hurricanes, storms, or thunder, in all which cases the swiftness of its descent is a sufficient warning of what will shortly follow; and, generally speaking, the longer any change of the weather is foretold before it happens, of so much longer continuance will it be.

4. In very hot weather the sudden falling of the *Mercury* foreshews thunder; and at any time such descent presageth windy weather, and if it sinks very low, expect thunder, hurricanes, or high winds, in which case as soon as the first storm is over the *Quicksilver* rises very fast, but after the first shock the *Mercury* descends, storms of hail, rain, or snow, certainly follow.

5. In winter the rising of the *Mercury* presages frost, and in frosty weather, if it fall three or four divisions, expect a thaw; but in a continued or settled frost, if the *Mercury* rise it will certainly snow.

6. When foul weather follows immediately after the falling of the *Mercury*, expect but little of it: judge the like of fair weather, if it come presently after its rise.

7. The unsettled motion of the *Mercury* denotes uncertain and changeable weather.

8. In wet weather if the *Mercury* rise high, and it continues to rain two or three days after its rising, if it fall not again during that time, expect a continuance of fair weather to follow.

9. If in fair weather it descends very low, and continues two or three days before any change of weather happen, expect a great deal of wet, and, perhaps, very high winds for many days together.

10. When the wind is about shifting to the North or East, or to any point betwixt them, the *Mercury* generally rises pretty high, notwithstanding that it always falls for wind from any other Quarter; and in fair weather the greatest elevation of the *Mercury* happens upon a gentle breeze from
about

about North-East; but if from this Quarter the wind blow very hard, the *Mercury* will sink a little in the tube, though, in this case, it rarely falls below changeable; yea, so subject are the winds of this Quarter to hold the *Mercury* suspended, that except the wind change, a large shower of rain often happens, without the least warning from the Barometer; therefore so long as these winds blow, we have no certainty of fair weather, how high soever the *Mercury* may stand in the tube, seeing we often meet with heavy rains along with easterly winds.

11. You must not so strictly mind the words directly answering the surface of the *Mercury* (though the weather will, for the most part, agree therewith,) as the rising and falling of the *Mercury*, for when from much rain it rises up to changeable, it denotes fair weather, though not of so long continuance as might be expected if the *Mercury* rose higher; and so, on the other hand, from settled or very fair to changeable, foreshews wind, hail, rain, or thunder.

Note.—These rules and observations are worthy to be kept and preserved by every curious person.

A method of curing Diseases by ELECTRICITY, in a very simple manner, which perhaps may answer in room of the *Metallic Tractors*—at least it is worthy of trial.

LET a common pint or quart bottle be filled with glass, pounded a little fine, then place it by a fire, so as to become thoroughly warm; immediately apply it to the parts affected, by rubbing it over them backwards and forwards, for a quarter of an hour or more, which repeat twice a day. The following cures may be sufficient to induce those afflicted to make the experiment. A man having violent rheumatic pains in his arms and shoulders, by thus rubbing twice a day, was perfectly cured in a fortnight. In about the same time, a young man was cured of a white swelling in his knee. A woman having a large tumour on the forepart of her neck, which rose suddenly (in a night's time) by rubbing it with the bottle, in about a week's time it disappeared.

peared.—N.B. The larger the bottle is the longer it will keep warm. The power of attraction is also greater in a larger bottle than in one less. There is great reason to believe, that it will cure the *gout*, when the parts affected can bear the operation.

. F I N I S .

Printed for the COMPANY of STATIONERS,

By G. Woodfall, Paternoster-row.

PLATE ONE

MAKER

517

191 3670